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Result
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Perfect score:
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Listing first 45 s
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                                                                                                                                                                                                                                                                                                                                                                             Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed,
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122
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133.759 Million cell updates/sec
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72.1
72.1
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                                                                                                                                                                                                                                                                                                                                                                                                                      /cgn2_6/prodata/1/pubpaa/US07_PUBCOMB.pep:*
/cgn2_6/prodata/1/pubpaa/US08_NEW_PUB.pep:*
/cgn2_6/prodata/1/pubpaa/US08_NEW_PUB.pep:*
/cgn2_6/prodata/1/pubpaa/US09_NEW_PUB.pep:*
/cgn2_6/prodata/1/pubpaa/US09_PUBCOMB.pep:*
/cgn2_6/prodata/1/pubpaa/US10_PUBCOMB.pep:*
/cgn2_6/prodata/1/pubpaa/US10_PUBCOMB.pep:*
/cgn2_6/prodata/1/pubpaa/US10_NEW_PUB.pep:*
/cgn2_6/prodata/1/pubpaa/US10_NEW_PUB.pep:*
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             US-10-269-557-18

US-09-847-6378-46

US-10-102-806-460

US-09-764-891-3207

US-09-908-711-94

US-09-925-297-879

US-09-938-737-16

US-09-948-227-81

US-09-948-227-81

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US-09-948-227-81
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US-09-925-301-1543
US-09-925-301-1543
US-09-925-301-1768
US-09-925-301-1769
US-09-925-300-7769
US-09-925-300-7769
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Sequence 1, Appli
Sequence 2, Appli
Sequence 366, App
Sequence 1768, Ap
Sequence 1769, Ap
Sequence 1769, Ap
Sequence 3, Appli
Sequence 40, Appli
Sequence 40, Appli
Sequence 90, Appl
Sequence 91, Appl
Sequence 81, Appli
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45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20
37	37	37	37	37	37	37	37	37.5	37.5	37.5	37.5	37.5	37.5	38	38	38	38	38.5	39	39	40	40	40	40.5	41
30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.7	30.7	30.7	30.7	30.7	30.7	31.1	31.1	31.1	31.1	31.6	32.0	32.0	32.8	32.8	32.8	33.2	33.6
180	132	115	110	80	68	67	51	70	70	70	70	70	70	167	160	155	132	131	162	117	130	119	62	92	198
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US-10-245-103-20	US-09-864-761-40852	US-09-827-949-39	US-10-156-761-13858	US-09-864-761-41649	US-09-158-722-31	US-09-867-550-1066	US-10-083-357-839	US-10-040-862-2313	US-10-040-862-2073	US-10-040-862-1819	US-09-796-692-2313	US-09-796-692-2073	US-09-796-692-1819	US-09-797-464A-6	US-09-797-464A-8	US-09-864-761-41285	US-10-156-761-12474	US-09-738-626-5916	US-09-925-297-859	US-10-156-761-7653	US-09-925-301-1203	US-10-101-464A-745	US-10-106-698-7805	US-09-764-891-2823	US-09-867-550-766
Sequence 20, Appl	Sequence 40852, A	Sequence 39, Appl	Sequence 13858, A	Sequence 41649, A	Sequence 31, Appl	Sequence 1066, Ap	Sequence 839, App	2313,	Sequence 2073, Ap	1819,		Sequence 2073, Ap	1819,	Sequence 6, Appli	Sequence 8, Appli	Sequence 41285, A	Sequence 12474, A	Sequence 5916, Ap	Sequence 859, App	Sequence 7653, Ap	Sequence 1203, Ap	Sequence 745, App	Sequence 7805, Ap	Sequence 2823, Ap	Sequence 766, App

## ALIGNMENTS

RESULT 1 US-09-847-637B-1

GENERAL Sequence

APPLICANT:

Ulmansky, Rina Kashi, Yechezkel

APPLICANT: Naparstek, Yaakov INFORMATION: 1, Application o. US20020150586A1

Patent No.

Application US/09847637B

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PRIOR APPLICATION NUMBER: 60/107,213
PRIOR FILING DATE: 1998-11-05
NUMBER OF SEQ ID NOS: 9
SOPTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 22
TYPE: PRT
ORGANISM: Mycobacterium tuberculosis
                                                                                                      RESULT 2
US-09-847-637B-2
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Sequence 2, Application US/09847637B
Patent No. US30020150586A1
GENERAL INFORMATION:
APPLICANT: Naparsteek, Yaakov
APPLICANT: Ulmansky, Rina
                                                                                                                                                                                                                                                                  Best Local Similarity Matches 22; Conserv
                                                                                                                                                                                                                                                                                                       Query Match
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PRIOR APPLICATION NUMBER: PCT/IL99/00595
PRIOR FILING DATE: 1999-11-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/847,637B CURRENT FILING DATE: 2001-05-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: NOVEL AMINO ACID SEQUENCES, DNA ENCODING
TITLE OF INVENTION: THE AMINO ACID SEQUENCES, ANTIBODIES DIRECTED AGAINST SUCH
TITLE OF INVENTION: SEQUENCES AND THE DIFFERENT USES THEREOF
FILE REFERENCE: 13125-002001
                                                                                                                                                                                                                        1 GPKGRNVVLEKKWGAPTITNDG
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Pred. No. 3.4e-12;
Mismatches 0;
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US-09-925-301-1543
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                                                                                                                                                                         GENERAL INFORMATION:
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APPLICANT:
              CURRENT APPLICATION NUMBER: US/09/925,301
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05882
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
                                                                                                   APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins
FILE REFERENCE: PA106
FILE REFERENCE: TA106
701
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TITLE OF INVENTION: NOVEL AMINO ACID SEQUENCES, DNA ENCODING
TITLE OF INVENTION: THE AMINO ACID SEQUENCES, ANTIBODIES DIRECTED AGAINST SUCH
TITLE OF INVENTION: SEQUENCES AND THE DIFFERENT USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 370
SOFTWARE: FastSEQ for Windows Version 4.0
EQ ID NO 366
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CURRENT FILING DATE: 2002-02-19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Compositions isolated from TITLE OF INVENTION: mammary gland and methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Havukkala, Ilkka J.
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les 13; Conserv
FILING DATE:
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Grigor, Murray R.
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ilarity 59.1%;
Conservative
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Pred. No. 4.6e-06;
5; Mismatches 4
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                                                                                                                                    and Antibodies
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for their use
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Best Local S
Matches 13
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SOPTWARE: PatentIn Ver. 2.0
SEQ ID NO 1543
LENGTH: 135
                                                                                                                                                                      Sequence 1542, Application US/09925301 Patent No. US20020052308A1
                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 13; Conserv
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                                                                                                                                                      GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/925,300
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05988
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1890
                                                                                                 APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins
FILE REFERENCE: PA106
               PRIOR APPLICATION NUMBER: PCT/US00/05882
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
                                                                 CURRENT APPLICATION NUMBER: US/09/925,301
CURRENT FILING DATE: 2001-08-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Steve Ruben
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION:
NAME/KEY: SITE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: SITE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION:
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FILING DATE:
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1999-03-12
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59.1%;
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59.1%;
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Pred. No.
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Pred. No.
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4.7e-06;
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                                                                                                                     and Antibodies
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APPLICANT: Steve Nuben
TITLE OF INVENTION: Nucleic Acids, Proteins and Ant
FILE REFERENCE: PA101
CURRENT APPLICATION NUMBER: US/09/925,300
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05988
PRIOR FILING DATE: 2000-03-08
PRIOR FILING DATE: 2000-03-08
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1890
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1769
LENGTH: 168
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
FEATURE:
                                                        ; LOCATION: (163)
; OTHER INFORMATION:
US-09-925-300-1769
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1542
                Query Match
Best Local
  Matches
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NAME/KEY: SITE
LOCATION: (115)
OTHER INFORMATION: )
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APPLICANT: Stev
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LOCATION: (40)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino
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OTHER INFORMATION:
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ORGANISM: Homo sapiens
                                                                                                               LOCATION: (131)
OTHER INFORMATION:
                                                                                               NAME/KEY: SITE
                                                                                                                                                       NAME/KEY: SITE
LOCATION: (121)
OTHER INFORMATION:
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OTHER INFORMATION:
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THER INFORMATION:
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             Local Similarity
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Score 88; DB 10
Pred. No. 6e-06;
5; Mismatches
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                         DB 10; Length 168
                                                                                                            naturally occurring
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US-10-269-557-18
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                                                                                                                                                 ; ORGANISM: aspergillus fumigatus US-10-269-557-18
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US-09-847-637B-3
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PRIOR FILING DATE: 1998-11-05
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 3
                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US/09/207,388
PRIOR FILING DATE: 1998-12-08
NUMBER OF SEQ ID NOS: 102
SOPTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 18
LENGTH: 48
TYPE: PRT
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Publication No. US20
GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserva
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                                                                                       Query Match
Best Local S
                                                                         Matches
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TITLE OF INVENTION: HEAT SHOCK GENES AND PROTEINS FROM
TITLE OF INVENTION: NEISSERIA MENINGITIDIS, CANDIDA G:
TITLE OF INVENTION: FUMICATUS
FILE REFERENCE: 870109.411
                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/269,557
CURRENT FILING DATE: 2002-10-11
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APPLICANT: Kashi, Yechezkel
TITLE OF INVENTION: NOVEL AMINO ACID SEQUENCES, DNA ENCODING
TITLE OF INVENTION: THE AMINO ACID SEQUENCES, ANTIBODIES DIRECTED AGAINST SUCH
TITLE OF INVENTION: SEQUENCES AND THE DIFFERENT USES THEREOF
FILE REFERENCE: 13125-002001
CURRENT APPLICATION NUMBER: US/09/847,637B
CURRENT FILING DATE: 2001-05-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT FILING DATE: 2001-05-02 PRIOR APPLICATION NUMBER: PCT/IL99/00595 PRIOR FILING DATE: 1999-11-04
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APPLICANT: Ulmansky, Rina
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TYPE: PRT
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 28
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                                                                     ch 62.3%; l Similarity 61.9%; 13; Conservative
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GPKGRNVLIESPYGSPKITKD
                                  GPKGRNVVLEKKWGAPTITND 21
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100.0%; Pr
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Pred. No. 0.0001;
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Pred. No. 6e-07;
 48
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RESULT 10 US-09-847-637B-4

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RESULT 11
US-10-102-806-460
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                                                                                        Query Match
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CURRENT FILLING DATE: 2002-03-22
PRIOR APPLICATION NUMBER: 09/925,298
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05881
PRIOR FILING DATE: 2000-03-08
PRIOR PLICATION NUMBER: 60/124,270
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CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: PCT/IL99/00595
PRIOR FILING DATE: 1999-11-04
PRIOR APPLICATION NUMBER: 60/107,213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins
FILE REFERENCE: PA103P1C1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Naparstek, Yaakov
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                                                                                                                                                                                                                                                                                                                                                                    OFTWARE: PatentIn Ver.
Q ID NO 460
                                                                                                                                          OTHER INFORMATION: Xaa equals any of the
                                                                                                                                                            NAME/KEY: SITE
LOCATION: (135)
                                                                                                                                                                                             OTHER INFORMATION: Xaa equals
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LOCATION: (130
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RGANISM: Homo sapiens
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1 GPKGRNVVLEKKWGAPTITNDG 22
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US20020150586A1
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                                                                         Similarity
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Kashi, Yechezkel
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Best Local (
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CURRENT APPLICATION NUMBER: US/09/908,711
CURRENT FILING DATE: 2001-07-20
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TITLE OF INVENTION: Nucleic Acids, Proteins,
FILE REFERENCE: PC006
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NUMBER OF SEQ ID NOS: 10231
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NAME/KEY: SITE
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                                                              APPLICATION NUMBER: 09/764,905 FILING DATE: 2001-01-17
                                                                                                                                                                                                                         APPLICATION NUMBER: US01/01344
FILING DATE: 2001-01-17
APPLICATION NUMBER: 09/764,891 FILING DATE: 2001-01-17
                                APPLICATION NUMBER: US01/01354 FILING DATE: 2001-01-17
                                                                                                                                                                         FILING DATE: 2001-01-17
APPLICATION NUMBER: US01/01345
                                                                                                                                                                                                          APPLICATION NUMBER: 09/764,892
                                                                                                                                                            FILING DATE: 2001-01-17
                                                                                               FILING DATE: 2001-01-
                                                                                                            APPLICATION NUMBER: US01/01329
                                                                                                                              FILING DATE:
                                                                                                                                            APPLICATION NUMBER: 09/764,888
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Similarity 45.5%;
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5. US20030077808A1
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                                                  Query Match
Best Local Similarity
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                                                                                                                                  ORGANISM: Homo sapiens FEATURE:
NAME/KEY: SITE
LOCATION: (120)
OTHER INFORMATION: Xaa e
NAME/KEY: SITE
LOCATION: (131)
OTHER INFORMATION: Xaa e
NAME/KEY: SITE
LOCATION: (136)
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APPLICATION NUMBER: US01/01340
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PPLICATION NUMBER: 09/764,870
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GPKGRNVVLEKKWGAPTITNDG 22
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                                  Conservative
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Pred. No.
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Sequence 16, Application US/09893737 Patent No. US20020110855A1 GENERAL INFORMATION:

APPLICANT: Sheppard, Paul O. APPLICANT: Presnell, Scott R.

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US-09-925-297-879
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RESULT 15
US-09-893-737-16
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                                                                                                                  Query Match 36.9
Best Local Similarity 41.2
Matches 7; Conservative
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NAME/KEY: SITE
LOCATION: (83)
OTHER INFORMATION: X
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CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05989
PRIOR FILING DATE: 2000-03-08
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TITLE OF INVENTION: Nucleic Acids, Proteins
FILE REFERENCE: PA105
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TYPE: PRT
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                                                                                                                                                                                            OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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LOCATION: (107)
OTHER INFORMATION:
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LOCATION: (102)
OTHER INFORMATION:
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LOCATION: (135)
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LOCATION: (111
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DB seq length: 200
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1: /cgn2_6/ptodata/1,

2: /cgn2_6/ptodata/1,

3: /cgn2_6/ptodata/1,

4: /cgn2_6/ptodata/1,

5: /cgn2_6/ptodata/1,

6: /cgn2_6/ptodata/1,
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    Copyright
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/cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PcTUS_COMB.pep:*
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    GenCore version 5.1.6 (c) 1993 - 2003 Compugen Ltd
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                US-08-946-914-8
US-09-656-4750-8
US-08-637-450-8
US-08-637-430-15
US-08-605-4378-31
US-08-605-6478-31
US-08-469-237A-47
US-08-469-237A-47
US-08-96-100-089-39
US-09-100-0827-39
US-09-469-537A-86
US-08-469-537A-86
US-08-469-537A-86
US-08-469-537A-81
US-08-469-537A-81
US-08-469-537A-81
US-08-467-822-11
US-08-467-822-11
US-08-467-823-135
US-08-906-616-13-135
US-08-906-613-135
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Sequence 8, Appli
Sequence 10, Appli
Sequence 11, Appl
Sequence 15, Appl
Sequence 11, Appl
Sequence 31, Appl
Sequence 31, Appl
Sequence 39, Appl
Sequence 39, Appl
Sequence 39, Appl
Sequence 11, Appl
Sequence 115, App
Sequence 135, App
Sequence 136, App
Sequence 137, Appli
Sequence 138, App
Sequence 1, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 1, Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                Description
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TELEFAX: 202-371-2540
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 200 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-946-914-8

S

NVVLEKKWGAPTITND

3; 21

Query Match 34.4%; Best Local Similarity 43.8%; Matches 7; Conservative

Score 42; DB Pred. No. 23; 3; Mismatches

DB 3;

Length 200;

0

Gaps

22HC e NHO NASSB CORN, H CON CHEST	RESULT 1  US-08-946-914-8  ; Sequence 8, Application US/08946914  ; Patent No. 6027916  ; GENERAL INFORMATION:  APPLICANT: Ni, Jian APPLICANT: Ni, Jian APPLICANT: Ruber, Steven M.  TITLE OF INVENTION: Galectin 8, 9, 10 and 10SV  NUMBER OF SEQUENCES: 60 CORRESPONDENCE ADDRESS:  ADDRESSEB: Stevene, Kessler, Goldstein, & Fox P.L.C. STREET: 1100 New York Ave., Suite 600 CITY: Washington COUNTRY: USA ZIP: 2005-3934 COMPUTER READABLE FORM: MEDIUM TYPE: Ploppy disk	28 35 28.7 20 1 US-07-891-174-1 Sequence 1, Ap 29 35 28.7 20 1 US-08-204-487-2 Sequence 2, Ap 35 28.7 20 1 US-08-204-487-2 Sequence 2, Ap 35 28.7 20 1 US-08-256-771-23 Sequence 22, Ap 35 28.7 20 1 US-08-381-984-23 Sequence 23, Ap 35 28.7 20 1 US-08-381-984-23 Sequence 23, Ap 35 28.7 20 1 US-08-381-984-23 Sequence 23, Ap 35 28.7 20 1 US-08-381-984-23 Sequence 24, Ap 35 28.7 25 1 US-07-755-161A-5 Sequence 5, Ap 36 35 28.7 25 1 US-07-891-174-5 Sequence 5, Ap 37 35 28.7 25 1 US-07-891-174-5 Sequence 5, Ap 38 35 28.7 25 1 US-08-264-781-26 Sequence 6, Ap 38 35 28.7 25 1 US-08-264-781-26 Sequence 8, Ap 38 28.7 25 1 US-08-264-781-26 Sequence 8, Ap 38 28.7 25 2 US-08-464-182A-8 Sequence 9, Ap 38 28.7 25 2 US-08-464-182A-9 Sequence 9, Ap 38 28.7 25 2 US-08-466-271-9 Sequence 9, Ap 38 28.7 25 2 US-08-466-271-9 Sequence 9, Ap 38 28.7 25 2 US-08-466-271-9 Sequence 9, Ap 38 28 28 28 28 28 28 28 28 28 28 28 28 28
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US-09-656-450-8
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; ORGANISM: Homo sapiens
US-09-656-450-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-647-960-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No. 5908761
GENERAL INFORMATION:
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Best Local
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CURRENT APPLICATION NUMBER: US/09/656,450

CURRENT FILING DATE: 2000-09-06

PRIOR APPLICATION NUMBER: US 09/263,689

PRIOR FILING DATE: 1999-03-05

PRIOR FILING DATE: 1999-03-05
TELEFAX: 2
INFORMATION FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 08/946,914
PRIOR FILING DATE: 1997-10-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Ni, Jian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RIOR APPLICATION NUMBER: US 60/028,093
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PPLICANT:
                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PPLICANT: Gentz, Reiner L.
PPLICANT: Ruben, Steven M.
TLE OF INVENTION: Galectin 9 and 10SV Polynucleotides
                                           REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: ZIO
TELECOMMUNICATION INFORMATION:
                                                                                                                                                               CLASSIFICATION: 536
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TWAKL
ID NO 8
TH: 200
                                                                                                               FILING DATE: 05-DEC-1993 ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: ZICK, I
                                                                              NAME: BROWDY, Roger L. REGISTRATION NUMBER: 2
                                                                                                                                                                                                APPLICATION NUMBER: US/01
FILING DATE: 30-MAY-1996
                                                                                                                                                                                                                                                                                                                                                                                    CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                       STREET:
                               TELEPHONE:
                                                                                                                                                 APPLICATION NUMBER:
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                                 202-628-5197
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Pred. No.
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RESULT 5
US-08-605-430-15
; Sequence 15, Application US/08605430
; Patent No. 6242212
; Patent No. 6242212
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Patent No. 5
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Best Local Similarity 43.8%;
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 29,258
REGISTRATION NUMBER: 29,258
REFERENCE/DOCKET NUMBER: 866
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEPAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Croce, Lail ...
APPLICANT: Huebner, Kay
TITLE OF INVENTION: PHIT PROTEINS AND NUCLEIC ACIDS AND
TITLE OF INVENTION: METHODS BASED THEREON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/598,873 FILING DATE: 09-FEB-1996 CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION: NAME: Friebel, Thomas E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 1155 Avenue of the Americas CITY: New York
                                                                                                                                                                                                                                                  TYPE: amino acid
TOPOLOGY: unknown
LECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: U.S.A. ZIP: 10036-2711
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                                                                                                                                                                                                                                                                                                   LENGTH:
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                                                                                                                                     2 PKGRNVVLEKKWGAP 16
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                                                                                                                                                                                     Similarity
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                                                                                                       PRGRKVLLVXFLGAP 16
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                                                                                                                                                                                                                                                                                                  35 amino acids
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Pred. No.
                                                                                                                                                                                     Score 38; DB
Pred. No. 13;
                                                                                                                                                                      Mismatches
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45;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Croce, Ca
APPLICANT: Huebner,
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/605,430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Friebel, Thomas E.
REGISTRATION UMBER: 29,258
REFERENCE/DOCKET NUMBER: 8666-005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEPHAX: (212) 869-9741/8864
              CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/237,401
                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
COMPUTER: PC-DOS/MS-DOS
COPPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 35 amino acids
                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/456,647B
                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
CORRESPONDENCE Fish & Richardson P.C.
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Lemke Ph.D. et al., Greg E.
FITLE OF INVENTION: PROTEIN-TYROSINE KINASE GENES
NUMBER OF SEQUENCES: 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                          .456-647B-31
lence 31, Application US/08456647B
ant No. 5811516
                                                                                                                                                                                                                                                                STREET: 4225 Exe
CITY: La Jolla
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                ERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 22
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE: New York COUNTRY: U.S.A. ZIP: 10036-2711
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STATE: New York
                                                                         APPLICATION NUMBER: US/01
FILING DATE: 02-JUN-1995
                                                                                                                                                                                                                                     COUNTRY: U
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           35 amino acids
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VENTION: FHIT PROTEINS AND NUCLEIC ACIDS AND
VENTION: METHODS BASED THEREON
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02-MAY-1994
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Pred. No. 13;
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GENERAL INFORMATION:
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                               TELEFAX: (619) 678-5099 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPAX: (619) 678-5099
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Haile Ph.D., Lisa A.
REGISTRATION NUMBER: 38,347
                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 68 amino acids
                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/884,486
FILING DATE: 15-MAY-1992
                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                 MOLECULE TYPE:
                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: (619) 678-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: (619) 678-5070
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ATTORNEY/AGENT INFORMATION:
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NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Lemke Ph.D. et al., Greg E.
TITLE OF INVENTION: PROTEIN-TYROSINE KINASE GENES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 422
                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/0
FILING DATE: 02-MAY-1994
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Local Similarity 40.0%;
see 8; Conservative
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STRANDEDNESS: not relevant
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                                                                                TOPOLOGY:
                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 07251/007001
                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
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                                                                                                               amino acid
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4225 Executive Square, Suite 1400
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                                                               protein
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30.3%;
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 Score 37;
Pred. No.
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US-08-858-207A-396
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                                                              Patent No. 634832
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Best Local
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                           GENERAL INFORMATION:
APPLICANT: Black, Michael
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           APPLICANT:
                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 77 amino acids
TYPE: amino acid
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PRIOR APPLICATION DATA:
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OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 26-JUL-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
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 APPLICANT:
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REGISTRATION NUMBER: 32,143
REFERENCE/DOCKET NUMBER: REG 070C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: USSN 08/406,247
FILING DATE: 17-MAR-1995
APPLICATION NUMBER: USSN 08/144,992
FILING DATE: 28-OCT-1993
APPLICATION NUMBER: USSN 07/736,559
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Regeneron Pharmaceuticals, Inc
STREET: 777 Old Saw Mill River Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      47, Application US/08469537A
o. 5843749
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                                                                           Application US/08858207A
                                                                                                                                                                                                                                                                                                                                                                                                                               914-345-7721
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             Hodgson, John
 Knowles, David
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                                                                                                                                                                                                                                                                                                                    unknown
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Pred. No.
                                                                                                                                                                                                                       Mismatches
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APPLICANT: 1
APPLICANT: 1
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Patent No. 5770421
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/
FILING DATE: 09-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/017
FILING DATE: 14-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Gimmi, Edward R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Stodola, Robert
TITLE OF INVENTION: No. 6348328el Compounds
NUMBER OF SEQUENCES: 552
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ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER: 38,891
REFERENCE/DOCKET NUMBER: P5
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-4478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                       TITLE OF INVENTION: ALK Protein Tyrosine Kinase/Receptor and TITLE OF INVENTION: Ligands Thereof
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                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
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CITY: King of Prussia
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 APPLICATION NUMBER:
                                                                                                                           COUNTRY:
                                                                                                                                                                       STREET:
                                                                                                                                                                         ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P
STREET: 1100 New York Avenue, N.W., Suite 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local
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                                                                                                                                                                                                                                                                                                    INFORMATION:
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                                                                                                                                                                                                                                                                                  Morris, Stephan W.
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US/08/542,363
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mismatches
                               Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 91;
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US-09-100-089-39
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO:
                                                                                        TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ery Match
                                                                                                                                                                                                 FILING DATE: 12-OCT-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                              FILING DATE: 03-DEC-
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: peptide
                                                                                                                                    REFERENCE/DOCKET NUMBER: 06
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: U
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                                                                             SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/100,089
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              UMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PLICANT: Look, A. Thomas
ITLE OF INVENTION: ALK Protein Tyrosine Kinase/Receptor
ITLE OF INVENTION: Ligands Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: FOX, Samuel L.
REGISTRATION NUMBER: 30,353
REFERENCE/DOCKET NUMBER: 0656.0400001/SLF/GKT
                                                                                                                                                                                                                                                                                                             FILING DATE: H
CLASSIFICATION:
                              STRANDEDNESS:
                                                                                                                                                             NAME: Fox, Samuel L.
REGISTRATION NUMBER: 30,353
                                                                                                                                                                                                                    APPLICATION NUMBER: US 08/542,363 FILING DATE: 12-OCT-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
                                                           LENGTH:
                                                                                                                        TELEPHONE:
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                   OPOLOGY:
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No. 6174674
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Similarity 40.0%;
8; Conservative
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                                              amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1100 New York Avenue, N.W., Suite 600
                                                         115 amino acids
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linear
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                                                                                                                        202-371-2600
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                                                                                                                                                                                                                                                                                                                                                                                                                  Floppy disk
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peptide
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Pred. No. 81;
2; Mismatches
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RESULT 12
US-09-670-827-39
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                                                                                                                                              US-09-670-827-39
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                                                                                      Query Match
Best Local
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                                                                       Matches
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                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 39:
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Local Similarity 40.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/160,861
PILING DATE: 03-DEC-1993
APPLICATION NUMBER: US 08/542,363
PILING DATE: 12-0CT-1995
APPLICATION NUMBER: US 09/100,089
FILING DATE: 19-JUN-1998
                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 39:
                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 115 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: ALK Protein Tyrosine Kinase/Receptor and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Morris, Stephan W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3 KGRNVVLEKKWGAPTITNDG 22
                                                                     Similarity
8; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 1100 New York Avenue, N.W., Suite 600 CITY: Washington STATE: DC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               KGGKGLLPVRWMAPESLKDG 44
                                 KGRNVVLEKKWGAPTITNDG 22
KGGKGLLPVRWMAPESLKDG 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/09/670,827 FILING DATE: 28-Sep-2000 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                             NAME: FOX, Samuel L.
REGISTRATION NUMBER: 30,353
REFERENCE/DOCKET NUMBER: 0656.0400003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 20005
                                                                                                                                                                                                                STRANDEDNESS: single
                                                                                                                                                                                                                                   TYPE: amino acid
                                                                                                                                                                                                                                                                                                            TELEFAX:
                                                                                                                                                                                                                                                                                                                           TELEPHONE: 202-371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
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                                                                       Conservative
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                                                                                      30.3%;
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                                                                     Score 37; DB Pred. No. 81; 2; Mismatches
                                                                     <u>ب</u>
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Pred. No. 81;
                                                                                                       DB 4; Length 115;
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RESULT 13 US-08-469-537A-86 ; Sequence 86, Application US/08469537A

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RESULT 14
US-08-467-822-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Kempler, Ph.D., Gail M
REGISTRATION NUMBER: 32,143
REFERENCE/DOCKET NUMBER: REG
TELECOMMUNICATION INFORMATION:
TELEPHONE: 914-345-7400
TELEFAX: 914-345-7721
                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 172 amino acids
TYPE: amino acid
                                                                                     TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                            APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: USSN 08/406,247
FILING DATE: 17-MAR-1995
APPLICATION NUMBER: USSN 08/144,992
FILING DATE: 28-OCT-1993
APPLICATION NUMBER: USSN 07/736,559
FILING DATE: 26-JUL-1991
ATTORNEY/AGENT IMFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: FastSEQ Version 2.0 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/469,537A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Maisonpi
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                           APPLICANT:
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                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 06 CLASSIFICATION:
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Local Similarity 40.0%;
es 8; Conservation
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                  DDRESSEE:
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WENTION: EHK AND ROR TYROSINE
WENTION: KINASES
1300 I Street, N.W.
                                                                                                                                                                         Sauerbaum, Sebastie
Ferrero, Richard L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 U.S.A.
                                                                                                                                                       Thiberge, Jean-Michel
                                                                                                                                                                                                              Labigne, Agnes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            IBM Compatible
                                Finnegan, Henderson,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        06-JUN-1995
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                                                                                     IMMUNOGENIC COMPOSITIONS AGAINST HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID POLYPEPTIDES
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Pred. No.
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                                Farabow, Garrett
                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 172;
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Best Local S
Matches 6
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                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 11,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (202) 408-4400 INFORMATION FOR SEQ ID NO: 1 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US
FILING DATE: 06-JUN-19
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 19-MAY-19
                                                                                                                                                                                                                                    TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                          COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 03:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                    NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                     APPLICANT: Sauerbaum, APPLICANT: Ferrero, R APPLICANT: Thiberge,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
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PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                  ADDRESSEE:
                                                                                                                             STREET: 1300 1 50
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: si
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 0 FILING DATE: 02-MAY-1995
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              COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
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Ferrero, Richard
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PatentIn Release #1.0,
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HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE
COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
POLYPEPTIDES
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Pred. No. 1.9e+05
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#### SUMMARIES

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228	Sequence 61, Appl	Sequence 100, App	Sequence 64, Appl	Sequence 20, Appl	Sequence 68, Appl	Sequence 50, Appl	Sequence 14, Appl	•	Sequence 3, Appli	10, Ag	Sequence 241, App	Sequence 241, App	Sequence 241, App	Sequence 44019, A	Sequence 4, Appli	Sequence 3, Appli	Sequence 2, Appli	Sequence 1, Appli	Description

RESULT 2
US-09-647-637B-2
; Sequence 2, Application US/09847637B
; Patent No. US20020150586A1
; GENERAL INFORMATION:
; APPLICANT: NDAPSTECK, Yaakov
; APPLICANT: Ulmansky, Rina

45	44	43	42	41	40	39	38	37	36	35 5	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20
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Sequence 227, App	227	Sequence 65, Appl		10	28	Ó	Sequence 1359, Ap	8035,		Seguence 81, Appl	23	Sequence 232, App	Sequence 232, App	Sequence 41313, A	Sequence 80, Appl	Sequence 322, App	Sequence 6, Appli	Sequence 70, Appl	Sequence 68, Appl	Sequence 16, Appl	Sequence 36, Appl	35	34	Sequence 33, Appl	קלובוורב יכז, אלולי

# AĻIGNMENTS

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APPLICANT: Ulmansky, Rina
APPLICANT: Ulmansky, Rina
APPLICANT: Ulmansky, Rina
APPLICANT: Washi, Yechezkel
ITITLE OF INVENTION: THE AMINO ACID SEQUENCES, DNA ENCODING
ITITLE OF INVENTION: THE AMINO ACID SEQUENCES, ANTIBODIES DIRECTED AGAINST SUCH
ITITLE OF INVENTION: SEQUENCES AND THE DIFFERENT USES THEREOF
ITITLE OF INVENTION: SEQUENCES AND THE DIFFERENT USES THEREOF
ITITLE OF INVENTION: SEQUENCES AND THE DIFFERENT USES THEREOF
ITILE REFERENCE: 13125-002001
CURRENT APPLICATION NUMBER: US/09/847,637B
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: FCT/IL99/00595
PRIOR APPLICATION NUMBER: FCT/IL99/00595
PRIOR FILING DATE: 1999-11-04
PRIOR APPLICATION NUMBER: 60/107,213
PRIOR PILING DATE: 1998-11-05
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
LEGGTH: 22
TYPE: PRT
ORGANISM: Mycobacterium tuberculosis
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Matches 22
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                                                                                                  Conservative
                                                                                                                      100.0%; Score 122; DB 10; 100.0%; Pred. No. 3.4e-12;
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                                                                                                      GENERAL INFORMATION:
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          TITLE OF INVENTION:
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TITLE OF INVENTION: THE AMINO ACID SEQUENCES, ANTIBODIES DIRECTED AGAINST SUCH
TITLE OF INVENTION: SEQUENCES AND THE DIFFERENT USES THEREOF
FILE REFERENCE: 13125-002001
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PRIOR FILING DATE: 1999-11-04
PRIOR APPLICATION NUMBER: 60/107,213
PRIOR FILING DATE: 1998-11-05
NUMBER OF SEQ ID NOS: 9
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CURRENT APPLICATION NUMBER: US/09/847,637B
CURRENT FILING DATE: 2001-05-02
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TITLE OF INVENTION:
TITLE OF INVENTION:
                                                            APPLICANT: Naparstek, Yaakov
APPLICANT: Ulmansky, Rina
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Yechezkel

NOVEL AMINO ACID SEQUENCES, DNA ENCODING

THE AMINO ACID SEQUENCES, ANTIBODIES DIRECTED AGAINST SUCH
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
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PRIOR FILING DATE: 1999-11-04
PRIOR APPLICATION NUMBER: 60/107,213
PRIOR FILING DATE: 1998-11-05
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CURRENT FILING DATE: 2001-05-02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2000-02-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US01/00664 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/US01/00667 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 60/236,359
                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 2000-08-03
APPLICATION NUMBER: GB 24263.6
FILING DATE: 2000-10-04
                                                                                                                        FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00662
                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US01/00665
                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US01/00666
                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 2000-09-27
                APPLICATION NUMBER: US 60/234,687
                                 FILING DATE: 2001-01-30
                                                 APPLICATION NUMBER: PCT/US01/00670
                                                                    APPLICATION NUMBER: PCT/US01/00661 FILING DATE: 2001-01-30
                                                                                                         FILING DATE:
                                                                                                                                                       APPLICATION NUMBER: PCT/US01/00663
                                                                                                                                                                           FILING DATE: 2001-01-30
                                                                                                                                                                                            APPLICATION NUMBER: PCT/US01/00668
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FILING DATE:
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Chen, Wensheng
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, David K.
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2000-09-21
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Pred. No. 0
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0.016;
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US-09-850-716A-241; Sequence 241, Application US/09850716A; Patent No. US20020115139A1; GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                     RESULT 7
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US-09-735-705-241
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 241
LENGTH: 20
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LENGTH: 20
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APPLICANT:
APPLICANT:
APPLICANT: Kalos, Michael D.
APPLICANT: McNeill, Patricia
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APPLICANT:
APPLICANT:
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TYPE: PRT
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PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
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OTHER INFORMATION: EXPRESSED IN PLACTO
OTHER INFORMATION: EXPRESSED IN BONE
OTHER INFORMATION: EXPRESSED IN ADULY
OTHER INFORMATION: EXPRESSED IN LUNG
OTHER INFORMATION: EXPRESSED IN PETAL
OTHER INFORMATION: EXPRESSED IN BRAIL
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                                                                                                                                                                                                                                                                                                                                                                                                                                               ITLE OF INVENTION: COMPOSITIONS AND METHODS FOR ITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                                    LE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                RRENT APPLICATION NUMBER: US/09/735,705 RRENT FILING DATE: 2000-12-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION:
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o. US20020052329A1
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McNeill, Patricia D.
Fanger, Neil
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Hosken, Nancy
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Fan, Liqun
Kalos, Michael D.
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Li, Samuel X.
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Pred. No. 57;
1; Mismatches
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ADULT LIVER, SIGNAL = 0.9
LUNG, SIGNAL = 0.83
FETAL LIVER, SIGNAL = 0.89
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RESULT 9
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Best Local Similarity
Tatches 5; Conserva
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                                                                                                                                                                         Sequence 10, Application US/10106804B Fublication No. US20030119186A1 GENERAL INFORMATION:
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SEQ ID NO 241
LENGTH: 20
TYPE: PRT ORGANISM: Homo sapiens
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SEQ ID NO 241
LENGTH: 20
TYPE: PRT
ORGANISM: Homo sapiens
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Best Local Similarity
Matches 5; Conserv
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APPLICANT: Hubbell, Jeffrey A.
APPLICANT: Schense, Jason C.
APPLICANT: Sakiyama-Elbert, Shelly E.
APPLICANT: Sakiyama-Elbert, Shelly E.
TITLE OF INVENTION: Enzyme-Mediated Modification of
TITLE OF INVENTION: Formulations with Peptides
FILE REFERENCE: ETH 106 CON
CURRENT APPLICATION NUMBER: US/10/106,804B
CURRENT FILING DATE: 2003-03-04
NUMBER OF SEQ ID NOS: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/897,778
CURRENT FILING DATE: 2001-06-28
NUMBER OF SEQ ID NOS: 467
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CURRENT FILING DATE: 2001-05-07
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Carter, Darrick
APPLICANT: Watanabe, Yoshihiro
APPLICANT: Henderson, Robert A.
APPLICANT: Peckham, David W.
APPLICANT: Fanger, Neil
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 440
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US20020147143A1
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38.5%;
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Pred. No.
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Best Local Similarity
hes 6; Conserve
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                                  SOFTWARE: P
SEQ ID NO 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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                                                                                                                                                                                                                                                                                                                                               Sequence 54, Application U
Patent No. US20020168761A1
                                                                                 FILE REFERENCE: 100086.413C1
CURRENT APPLICATION NUMBER: US/09/769,145
CURRENT FILING DATE: 2001-01-24
PRIOR APPLICATION NUMBER: US 09/491,078
PRIOR FILING DATE: 2000-01-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Hubbell, Jeffrey A.

TITLE OF INVENTION: Controlled Release of No. US20020146414A1-Heparin Binding Growth
TITLE OF INVENTION: Factors from Heparin Containing Matrices
FILE REFERENCE: ETH 108
CURRENT APPLICATION NUMBER: US/09/848,664
CURRENT FILING DATE: 2001-05-03
PRIOR APPLICATION NUMBER: 09/298,084
PRIOR APPLICATION NUMBER: 09/298,084
PRIOR FILING DATE: 1999-04-22
NUMBER OF SEQ ID NOS: 31
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SEQ ID NO 10
                                                             PHIOR FILING DATE: 2000-01-24
NUMBER OF SEQ ID NOS: 96
                                                                                                                                                                    APPLICANT: Wang, Shoameng
APPLICANT: Hu, Zengjian
TITLE OF INVENTION: PETTIDOMIMETIC MODULATORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Sakiyama-Elbert, Shelly E. APPLICANT: Hubbell, Jeffrey A.
LENGTH: 17
TYPE: PRT
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9-769-145-54
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ORGANISM: artificial sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local
                                                                                                                                                                                                                                                                                                                                   INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Similarity 6; Conserv
                                                                                                                                                                                                    Ni, Feng
Chen, Zhigang
Michaud, Stephanie
Wang, Shoameng
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     KGRNVVLEK 11
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                                                                                                                                                                                                                                                                                             Blaschuk, Orest W.
                                                                                                                                                                                                                                                                            Ali, Anmar
                                                                                                                                                                                                                                                                                                                                                                 Application US/09769145
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66.7%;
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Pred. No. 78;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 34;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
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RESULT 13 US-10-006-869-50

Sequence 50, Application US/10006869
Publication No. US20030082166A1
GENERAL INFORMATION:
APPLICANT: Blaschuk, Orest W.
APPLICANT: Symonds, James Matthew

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US-09-778-026-14
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                                                                                                                                     US-09-778-026-14
                                                              Query Match 27.9%;
Best Local Similarity 66.7%;
Matches 6; Conservative
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Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 14, Ap
Publication No.
                                                                                                                                                                                                                 TELEPHONE: (206) 622-49
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description of Unknown Organism: OTHER INFORMATION: sulfate binding site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Unknown FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/778,026
FILING DATE: 05-Feb-2001
CLASSIFICATION: <Unknown>
ATTORNEY, AGENT INFORMATION:
NAME: Maki, David J.
REFERENCE/DOCKET NUMBER: 100086.402
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 98104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                   SEQUENCE DESCRIPTION: SEQ ID NO: 14:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: COMPOUNDS AND METHODS FOR REGULATING CELL ADHESION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Blaschuk, Orest W.
υı
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              5 KGRDVILKK 13
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                              KGRNVVLEK 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Seattle
STATE: Washington
KGRDVILKK 13
                                                                                                                                                                   STRANDEDNESS: <Unknown>
                                                                                                                                                                                                     TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: SEED and BERRY LLP STREET: 6300 Columbia Center,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Application US/09778026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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                                                                                                                                                                                                                                                                                          (206) 622-4900
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66.7%;
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                                                                 Score 34; DB Pred. No. 97; 3; Mismatches
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FILE REFERENCE: 100086.407C7
CURRENT APPLICATION NUMBER: US/10/006,869
CURRENT FILING DATE: 2001-12-03
NUMBER OF SEQ ID NOS: 4052
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 50
LENGTH: 17
TYPE: PRT
TYPE: PRT
ORGANISM: Unknown
                                                                                                                                                                                                                    RESULT 15
US-10-106-804B-20
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US-10-193-653-68
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Sequence 20, Application US/10106804B
Publication No. US20030119186A1
GENERAL INFORMATION:
APPLICANT: Hubbell, Jeffrey A.
APPLICANT: Schense, Jason C.
APPLICANT: Sakiyama-Elbert, Shelly E.
TITLE OF INVENTION: Enzyme-Mediated Modification of Fibrin For Tissue |
TITLE OF INVENTION: Formulations with Peptides
FILE REFERENCE: ETH 106 CON
CURRENT APPLICATION UNMBER: US/10/106,804B
CURRENT FILING DATE: 2003-03-04
NUMBER OF SEQ ID NOS: 20
                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local S
Matches 6
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 68
LENGTH: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Doherty, Patrick
APPLICANT: Blaschuk, Orest W.
APPLICANT: Gour, Barbara J.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING ADHESION MOLECULE
TITLE OF INVENTION: FUNCTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: 100086.403C2
CURRENT APPLICATION NUMBER: US/10/193,653
CURRENT FILING DATE: 2002-07-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence: NTHER INFORMATION: Synthesis 1-193-653-68
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Local Similarity 66.7%;
es 6; Conservation
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KGRDVILKK 13
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                                                                                                                                                                                                                                                                                                                                                                   Conservative
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Sulfate-Binding Site
                                                                                                                                                                                                                                                                                                                                                                                27.9%;
66.7%;
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Pred. No.
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; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 22
; TYPE: PRT
; ORGANISM: artificial sequence
; PEATURE:
; OTHER INFORMATION: heparin binding sequence
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (1)...(1)
; OTHER INFORMATION: dansyl leucine
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Search completed: July 12, 2003, 09:28:49 Job time : 23 secs
                                                                                                                                                                                  US-10-106-804B-20
                                                                                                                       Matches
                                                                                                                                   Query Match
Best Local Similarity
                                                             11 KGRDVILKK 19
                                                                                         3 KGRNVVLEK 11
                                                                                                                       6
                                                                                                                       Conservative
                                                                                                                                   27.9%;
66.7%;
                                                                                                                                     Score 34; DB 9;
Pred. No. 1.3e+02
                                                                                                                       Mismatches
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                                                                                                                                                 Length 22
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Result
No.
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Maximum
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Maximum Match 100%
Listing first 45 summaries
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         score greater
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           B B
                                                                                                                                                                                                                                                                                                                                                                                                         Score
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seq length:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             greater than or equal to the score of the result bein derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                        Query
Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      is the number of results predicted by chance to have a ster than or equal to the score of the result being printed,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         July 12, 2003, 09:21:58 ; Search time 14 Seconds (without alignments) 46.236 Million cell up
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Gapop 10.0 , Gapext 0.5
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122
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        GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd
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          US-08-467-822-11
US-08-432-697-11
US-08-436-248-11
US-08-204-487-4
US-08-204-487-4
US-07-755-161A-1
US-07-891-174-2
US-07-891-174-2
US-08-256-771-22
US-08-256-771-23
US-08-256-771-23
US-08-256-771-23
US-08-381-984-22
US-08-381-984-22
US-08-9643-597-241
US-09-643-597-241
US-09-115-395-23
US-08-915-395-13
US-09-115-395-53
US-09-115-395-53
US-09-248-074-54
US-09-248-074-54
US-09-248-074-54
US-09-458-870-288
US-09-187-859-50
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Sequence 11, Appl
Sequence 11, Appl
Sequence 11, Appli
Sequence 2, Appli
Sequence 22, Appli
Sequence 23, Appl
Sequence 23, Appl
Sequence 241, Appl
Sequence 241, Appl
Sequence 61, Appl
Sequence 54, Appl
Sequence 50, Appl
Sequence 50, Appl
Sequence 51, Appl
Sequence 67, Appl
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US-08-467-822-11
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## ALIGNMENTS

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Sequence 11, Application US/08467822

Patent No. 5843461

GENERAL INFORMATION:
APPLICANT: Labigne, Agnes
APPLICANT: Bauctbaum, Sebastien
APPLICANT: Ferrero, Richard L.
APPLICANT: Ferrero, Richard L.
APPLICANT: Perrero, Richard L.
APPLICANTON INGER: US COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID

NUMBER OF SEQUENCES: 44

CORRESPONDENCE ADDRESS:
ADDRESSEE: Pinnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Pinnegan, Henderson, Farabow, Garrett &
COUNTRY: USA
CITY: Washington
STATE: D.C.
STATE: D.C.
STATE: D.C.
CUNTRY: USA
ZIF: 2005-3315
COUNTRY: USA
ZIF: 2005-3315
COMPUTER READABLE FORM:
MEDIUM TIPE: Ploppy disk
COMPUTER: ISA PC COMPALIBLE
COMPUTER: STATE: Plopy disk
COMPUTER: OS-JUN-1995
CLASSIFICATION NUMBER: US 08/447,177
FILING DATE: 06-JUN-1995
CLASSIFICATION NUMBER: US 08/447,177
FILING DATE: 06-JUN-1995
CLASSIFICATION NUMBER: US 08/447,177
FILING DATE: 06-JUN-1995
CLASSIFICATION NUMBER: US 08/447,177
FILING DATE: 08-JWN-1995
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; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-467-822-11
             US-08-466-248-11
                                                                                                                                                                                           ; MOLECULE TYPE: peptide US-08-432-697-11
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Sequence 11, Application US/08466248
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                                                                                                                                     Matches
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                                                                                                                                                                                                                                                                                  TELEFAX: (202) 408-4400 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Sauerbaum
APPLICANT: Ferrero,
APPLICANT: Thiberge,
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 03
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                        TYPE: amino acid
STRANDEDNESS: sir
                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/0 FILING DATE: 02-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
ZIP: 20005-3315
                                                                                                                                   Local Similarity les 6; Conserv
                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                               TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 25,146
                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity es 6; Conserv
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62483.
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                                                                                                      1 GPKGRNV 7
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                                                                                                                                                                                                                                                                       8 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Labigne, Agnes
Sauerbaum, Sebastien
Ferrero, Richard L.
                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Thiberge, Jean-Michel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                             linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Dunner
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85.7%;
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HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE
COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
                                                                                                                                                   29.5%;
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Pred. No. 1.9e
1; Mismatches
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Pred. No.
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ches 0;
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RESULT 4
US-08-204-487-4
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Best Local Similarity
Matches 6; Conserv
                                                                                                                                               Sequence 4,
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/447,177

FILING DATE: 19-MAY-1995

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/432,697

FILING DATE: 02-MAY-1995

CLASSIFICATION: 435

CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (202) 408-44 INFORMATION FOR SEQ ID NO:
                                                                                                                              tent No.
                                                                              APPLICANT:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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TITLE OF INVENTION:
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APPLICANT: Sauerbaum,
APPLICANT: Ferrero, R
APPLICANT: Thiberge,
                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 1300
CTTY: Washington
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                                               APPLICANT:
                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (202)
                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
STRANDEDNESS: sir
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 03
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                                                                                                                                             Application US/08204487
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1300 I Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                              8 amino acids
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             NAKASHIMA, HIDEKI
MOSUCHI, WATARU
TANAKA, SHIGEAKI
DOSAKO, SHUN'ICHI
KAWASAKI, YOSHIHIRO
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Ferrero, Richard
UCHIDA, TOSHIAKI
                                                                                                 YAMAMOTO, NAOKI
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85.7%;
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, Jean-Michel

, Jean-Michel

IMMUNOERIC COMPOSITIONS AGAINST

HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE

COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
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    Mismatches

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Pred. No. 1.9e+05,
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RESULT 5
US-07-755-161A-1
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INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/204,487
FILING DATE: 02-MAR-1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: CAMPBELL, PAULA A.
REGISTRATION NUMBER: TON-019
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                      Sequence 1, Application US/07755161A Patent No. 5304633
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Mamoru
                                                                                                  COMPUTER READABLE FORM:
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                   APPLICANT: Mamoru TOMITA et al.
TITLE OF INVENTION: Antimicrobial Peptides and
TITLE OF INVENTION: Antimicrobial Agent
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: peptide
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                                                                                                                 COUNTRY: U.
ZIP: 20005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LOCATION: 1..18
OTHER INFORMATION:
OTHER INFORMATION:
COMPUTER: IBM Compatible OPERATING SYSTEM: MS-DOS SOFTWARE: DisplayWrite BRENT APPLICATION DATA: APPLICATION NUMBER: US/07
                                                                           MEDIUM TYPE: Diskette,
                                                                                                                                                                 STREET: 805 Fifte CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: Peptide
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77.8%;
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US/07/755,161A
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                                                                                5.25 inch,
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Pred. No. 19;
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US-07-755-161A-1
Query Match
Best Local Similarity 77.
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NAME: WARTEN M. Cheek Jr.
REGISTRATION NUMBER: 33,367
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-8850
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     POSITION IN GENOME:
CHROMOSOME/SEGMENT:
MAP POSITION:
UNITS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
NAME/KEY:
LOCATION:
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HYPOTHETICAL:
ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 1991090:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                    PUBLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FRAGMENT TYPE:
ORIGINAL SOURCE:
ORGANISM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                IMMEDIATE SOURCE:
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CELL LINE:
ORGANELLE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              HAPLOTYPE:
TISSUE TYPE:
                                                                                                                                                                                                                                                                                                      LOCATION: 19
IDENTIFICATION METHOD:
OTHER INFORMATION: /note= "thiol group of
OTHER INFORMATION: Cys residue at location 19 connected by disulfide bond with
OTHER INFORMATION: thiol group of Cys residue at location 2"
                                                                                                                                                                                                                                                                                                                                                                                                                         IDENTIFICATION METHOD:
OTHER INFORMATION: /note= "thiol group of
OTHER INFORMATION: Cys residue at location 2 connected by disulfide bond with
OTHER INFORMATION: thiol group of Cys residue at location 19"
                                                                                                                                                                                                                               JOURNAL:
                                                                                                        DOCUMENT NUMBER:
FILING DATE:
PUBLICATION DATE:
RELEVANT RESIDUES IN SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY:
                                                                                                                                                                                                                                                                               AUTHORS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LIBRARY:
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DEVELOPMENTAL STAGE:
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                                          . 88
                                        Score 35; DB 1;
Pred. No. 21;
                        Mismatches
                                                        Length 20;
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APPLICANT: Mamoru 7
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: MS-DO SOFTWARE: DisplayWrite CURRENT APPLICATION DATA:
                                                                                                                              POSITION IN GENOME:
CHROMOSOME/SEGMENT
                                                                                                                                                                                                                                                                                                                                                   FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Warren M. Cheek Jr.
REGISTRATION NUMBER: 33,3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                  HYPOTHETICAL:
ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: :
                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
                                                                                                                                                                                            ORGANELLE:
                                                     NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                               STRAIN:
INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: UPPILING DATE: 19910905
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 805 Fire
                                                                                                                                                                                                                            CELL TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: 202-371-8850
TELEFAX: 202-371-8856
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER:
OTHER INFORMATION: /note= "Cys residue
OTHER INFORMATION: having thiol group chemically modified to prevent disulfide
                                                                                                                   MAP POSITION:
                                                                                                                                                                             LIBRARY:
                                                                                                                                                                                                                                                                          HAPLOTYPE:
                                                                                                                                                                                                                                                                                       DEVELOPMENTAL STAGE:
                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
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                                                                                                                                                                                                                                                           TISSUE TYPE:
                                                                                                                                                                                                                                                                                                                                       ORGANISM:
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                                      IDENTIFICATION METHOD:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    E: Wenderoth, Lind & Ponack
805 Fifteenth Street, N.W., #700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              20 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mamoru TOMITA et al.
VENTION: Antimicrobial Peptides and an VENTION: Antimicrobial Agent
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
                                                                     modified site
                                                                                                                                                                                                                                                                                                                                                                                                                                               single
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; PUBLICATION DATE:
; RELEVANT RESIDUES
US-07-755-161A-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local !
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                                                             INFORMATION FOR SEQ ID NO:
                                          SEQUENCE CHARACTERISTICS:
                                                                                                       REGISTRATION NUMBER: 33,367
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-8850
                                                                                                                                                              FILING DATE: 05-SEP-1991
ATTORNEY/AGENT INFORMATION:
NAME: Warren M. Cheek Jr
                                                                                                                                                                                                            FILING DATE: 29-MAY-:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Wenderoth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: /note= "Cys residue OTHER INFORMATION: having thiol group chemically modified to prevent disulfide OTHER INFORMATION: bond formation"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: bond formation"
                                                                                                                                                                                                                                                                                                       SOFTWARE:
                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Washington
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 STRANDEDNESS:
                 TYPE:
                                                                                         TELEFAX: 202-371-8856
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AUTHORS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY:
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                            ENGTH:
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7; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   , Application US/07891174
5317084
            amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                             805 Fifteenth
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                       DisplayWrite
                                                                                                                                                                                                                                                                                                                                    IBM Compatible
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single
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77.8%;
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                                                                                                                                                                                                               US 07/755,161
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Street, N.W., #700
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Pred. No. 21;
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MOLECULE TYPE: HYPOTHETICAL: ANTI-SENSE:

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                                                                                                                 Sequence 2, Application US/07891174
Patent No. 5317084
GENERAL INFORMATION:
APPLICANT: Mamoru TOMITA et al.
                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                  ery Match
                                                                                     APPLICANT: Mamoru TOMITA et al.
TITLE OF INVENTION: Antimicrobial
TITLE OF INVENTION: Antimicrobial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              POSITION IN GENOME:
CHROMOSOME/SEGMENT:
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IMMEDIATE SOURCE:
LIBRARY:
                                                        NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRAGMENT TYPE:
ORIGINAL SOURCE:
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IDENTIFICATION METHOD:
OTHER INFORMATION: /no
OTHER INFORMATION: Cys
OTHER INFORMATION: thi
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NAME/KEY:
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CELL TYPE:
CELL LINE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: /note= "thiol group of OTHER INFORMATION: Cys residue at location 19 connected by disulfide bond with OTHER INFORMATION: thiol group of Cys residue at location 2"
                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
PUBLICATION DATE:
RELEVANT RESIDUES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MAP POSITION:
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                          STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                           DOCUMENT NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            PAGES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY:
                                          ADDRESSEE:
                                                                                                                                                                                                                                                                                                                    Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ISSUE:
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DEVELOPMENTAL STAGE:
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                                                                                                                                                                                                                                                                      11 KKWGAPTIT 19
                                                                                                                                                                                                                                                                                                    Similarity 7; Conserv
           Washington
                                                                                                                                                                                                                                           KKLGAPSIT 18
D.C.
                            805 Fifteenth
                                                                                                                                                                                                                                                                                                      Conservative
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                                            Wenderoth,
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                                                                                                                                                                                                                                                                                                                   28.7%;
77.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /note= "thiol group of
Cys residue at location 2 connected by disulfide bond with
thiol group of Cys residue at location 19"
                         Lind & Ponack
Street, N.W., #700
                                                                                                                                                                                                                                                                                                    Score 35; DB Pred. No. 21; 1; Mismatches
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                                                                                     Peptides
Agent
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                                                                                                     and
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                                                                                                      an
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CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/755,161
PILING DATE: 05-SEP-1991
ATTORNEY/AGENT INFORMATION:
NAME: Warren M. Cheek Jr.
REGISTRATION NUMBER: 33,367
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: DisplayWrite
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FRAGMENT TYPE:
ORIGINAL SOURCE:
ORGANISM:
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CHROMOSOME/SEGMENT:
MAP POSITION:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-8850
                                                                                       PUBLICATION INFORMATION:
                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANELLE:
IMMEDIATE SOURCE:
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                                                                                                                                                                                                                                                                                                    NAME/KEY:
LOCATION:
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CELL TYPE:
CELL LINE:
                                                                                                  IDENTIFICATION METHOD:
OTHER INFORMATION: /note= "Cys residue
OTHER INFORMATION: having thiol group chemically modified to prevent disulfide
OTHER INFORMATION: bond formation"
                                                                                                                                                                                                                             IDENTIFICATION METHOD:
OTHER INFORMATION: /n.
OTHER INFORMATION: ha-
                                                                                                                                                                                             NAME/KEY:
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DEVELOPMENTAL STAGE:
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                                                                      AUTHORS:
                                                                                                                                                                             LOCATION:
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ESSUE
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having thiol group chemically modified to prevent disulfide
bond formation"
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DOCUMENT NUMBER: FILING DATE: PUBLICATION DATE:

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FILING DATA: 02-08/80/204,487

FILING DATE: 02-08/80/204,487

FILING DATE: 02-08/80/204,487

CLASSIFICATION: 514

ATTORNEY/AGPANT
                                                              Best Loc
Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence
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                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
TYPE: amino acid
                                                                                                                                                                                       TOPOLOGY: li
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APPLICANT: UCHIDA, TOSHIAKI
TITLE OF INVENTION: VIRAL INFECTION AND PROLIFERATION
TITLE OF INVENTION: INHIBITORS
NUMBER OF SEQUENCES: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: FJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS
                                                                                                                                                  NAME/KEY:
LOCATION:
                                                                                                                           LOCATION: 1..20
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                               NAME: CAMPBELL, PAUREGISTRATION NUMBER:
                                                                                                                                                                                                              STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: PATENT ADMINISTRATOR, TESTA, HURWITZ ADDRESSEE: THIBEAULT
                                                                          Local
                                                                                                                                                                                                                                                                                          TELEPHONE:
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                                                                          Similarity
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                                     KKWGAPTIT 19
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              KKLGAPSIT 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAKASHIMA, HIDEKI
MOSUCHI, WATARU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TANAKA, SHIGEAKI
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                                                              Conservative
                                                                                                                                                                                                       linear
                                                                                                                                                               Peptide
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                                                                                                                                                                                                                                                                                          (617) 248-7000
                                                                                                                                                                                        peptide
                                                                                                                                                                                                                                                                             248-7100
                                                                                                                                                                                                                                                                                                                                           PAULA A.
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                                                                          28.7%;
77.8%;
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77.8%;
                                                                                                                            /note= "ANTIBACTERIAL PEPTIDE
DERIVED FROM BOVINE LACTOFERRIN"
                                                                                                                                                                                                                                                                                                                           32,503
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Pred. No.
                                                                                                                                                                                                                                                                                                                   FJN-019
                                                                          Score 35;
Pred. No.
                                                             Pred. No. 21;
1; Mismatches
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Mismatches
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                                                                                       DB 1;
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                                                                                      Length 20;
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                                                                Indels
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RESULT 10
US-08-256-771-22
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GENERAL INFORMATION:
                                                                                                              Patent No. 5656591
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                        Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: July 22 CLASSIFICATION: 514 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Wenderoth, Lind & Ponack
STREET: 805 Fifteenth Street, N.W., #700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                               APPLICANT: Mamoru TOMITA et al.
TITLE OF INVENTION: ANTIMICROBIAL AGENTS AND METHOD FOR TREATING
TITLE OF INVENTION: PRODUCTS THEREWITH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Warren M. Cheek, Jr.
REGISTRATION NUMBER: 33,367
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Mamoru
                              CORRESPONDENCE ADDRESS
                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                       IDENTIFICATION METHOD:
OTHER INFORMATION: /note= "Cys residues
OTHER INFORMATION: disulfide bond"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE:
TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/
FILING DATE: July 22, 1994
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TOPOLOGY: lir
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                  ADDRESSEE:
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                                                                                                                                              Application US/08256771
E: Wenderoth, Lind & Ponack
805 Fifteenth Street, N.W., #700
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   peptide
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. ANTIMICROBIAL AGENTS AND METHOD FOR TREATING
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    Mismatches

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Pred. No. 21;
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COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORDPECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/381
FILING DATE: April 11, 1995
CLASSIFICATION: 252
                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Warren M. Cheek, Jr.
REGISTRATION NUMBER: 33,367
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-8850
                                                                                                                                                                                                                                                                                                                                        tent No.
                                                                                                                                                                                                                                                                                                                                                                             8-381-984-22
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PRIOR APPLICATION DATA:
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MEDIUM TYPE: Diskette, 5
COMPUTER: IBM Compatible
                                                                                                                                     COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                      APPLICANT: Mamoru TOMITA et al. TITLE OF INVENTION: ANTIOXIDANT
                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION: /note= "Cys residues are protected to
OTHER INFORMATION: prevent disulfide bond formation"
                                                                                                                                                                                             STREET: 805 Fire CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local
                                                                                                                   MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 20 amino acids
TYPE: amino acid
TYPE: single
STRANDEDNESS: single
                                                                                                                                                      COUNTRY: U
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/
FILING DATE: July 22, 1994
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                          DDRESSEE:
                                                                                                                                                                                                                                                                                                                                             22, Application US/08381984
5. 5804555
                                                                                                                                                                                                                                                                                                                                                                                                                                               10 KKLGAPSIT 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               11 KKWGAPTIT 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               h 28.7%; Score 35; DB 1; Length 20; Similarity 77.8%; Pred. No. 21; 7; Conservative 1; Mismatches 1; Indels
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805 Fifteenth Street, N.W., #700
                                                                                                                                                                     U.S.A.
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                                                                                                                     Diskette,
                                                                                                                                                                                                                                                                                          ANTIOXIDANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MS-DOS
                                 US/08/381,984
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                                                                                                                     3.5 inch, 1.44 mb
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US-08-381-984-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 23, Appric
                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent No. 5804555
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 28.7%;
Best Local Similarity 77.8%;
Matches 7; Conservative
                                                                                                                                                                             COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5

COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 5.1

CURRENT APPLICATION DATA:
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PILING DATE:
ATTORNEY AGENT INFORMATION:
NAME: WARTEN M. Cheek, Jr.
REGISTRATION UNMBER: 33,367
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
                                                                                               CLASSIFICATION: 252
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 33,367
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
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FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                            STREET: 800
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Mamoru TOMITA et al. TITLE OF INVENTION: ANTIOXIDANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY:
LOCATION:
LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION: /no
OTHER INFORMATION: and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
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OTHER INFORMATION: pe
                                                                                                                                             APPLICATION NUMBER: US/08/3
FILING DATE: April 11, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
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                                                                                                                                                                                                                                                                                  20005
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Application US/08381984
                                                                                                                                                                                                                                                                                                                                              805 Fifteenth
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and 19 are bonded by disulfide linkage"
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peptides including the specified peptide as a fragment there
                                                                                                                                                                US/08/381,984
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                                                                                                                                                                                                                                                                                                                                              Lind & Ponack
Street, N.W.,
                                                                                                                                                                                                                                              3.5 inch, 1.44
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Pred. No. :
                                                                                                                                                                                                                                                                                                                                               #700
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RESULT 15
US-09-675-922-12
; Sequence 12, App
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NUMBER OF SEQ ID NOS: 369

SEQ ID NO 241

LENGTH: 20

TYPE: "THE BENERIES OF LING

LENGTH: 20

LENGTH: 20

TYPE: "THE BENERIES OF LING

LENGTH: 20
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TELEX:
INFORMATION FOR SEQ ID NO: 23.
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
TVDE: amino acid
TVDE: single
                                                                                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: Homo sapiens
US-09-643-597-241
                                                                                                                                                                                                                                                                                                              Query Match
Best Local S
Matches 5
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APPLICANT: Henderson, Robert A.
APPLICANT: MCNeill, Patricia D.

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nes 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION: /no
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No. 642607
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Fan, Liqun
Kalos, Michael D.
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Fanger, Gary R.
Li, Samuel X.
                            Application US/09675922
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Hosken,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPOSITIONS AND METHODS FOR THE AND DIAGNOSIS OF LUNG CANCER
                                                                                                                                                                                                                                                                                                                                           28.7%;
38.5%;
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and 19 are chemically modified to prevent disulfide linkage"
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peptides including the specified peptide
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21;
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Search completed: July 12, 2003, 09:25:08 Job time : 16 secs
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APPLICANT: Schense C., Jason
APPLICANT: Schense C., Jason
APPLICANT: Schense C., Shelley
TITLE OF INVENTION: Enzyme Mediated Modification of Fibrin for Tissue
TITLE OF INVENTION: Engineering: Incorporation of Proteins
FILE REFERENCE: ETH 107 DIV
CURRENT APPLICATION NUMBER: US/09/675,922
CURRENT FILING DATE: 2000-09-29
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 12
                                                                                                                                                      Query Match
Best Local Similarity
Matches 6; Conserv
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                                                                                                                                                                                                                                              LENGTH: 14
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: heparin-binding sequence
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Perfect score:
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Gapop 10.0 , Gapext 0.5
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133.759 Million cell updates/sec
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     | Cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
| Cgn2_6/ptodata/1/pubpaa/PCT_NEW_FUB.pep:*
| Cgn2_6/ptodata/1/pubpaa/US06_NEW_FUB.pep:*
| Cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
| Cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
| Cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
| Cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
| Cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
| Cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
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| Cgn2_6/ptodata/1/pubpaa/US00_PUBCOMB.pep:*
| Cgn2_6/ptodata/1/pubpaa/US00_NEW_PUB.pep:*
| Cgn2_6/ptodata/1/pubpaa/US00_NEW_PUB.pep:*
| Cgn2_6/ptodata/1/pubpaa/US00_NEW_PUB.pep:*
| Cgn2_6/ptodata/1/pubpaa/US00_NEW_PUB.pep:*
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US-10-101-464A-745

US-10-156-761-765

US-09-738-626-5916

US-10-156-761-12474

US-09-796-692-1819

US-09-796-692-2073

US-09-796-692-2313

US-10-040-862-1819
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US-09-893-737-16
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Sequence 1542, Ap
Sequence 1769, Ap
Sequence 18, Appli
Sequence 3, Appli
Sequence 4, Appli
Sequence 745, Appli
Sequence 7653, Ap
Sequence 5916, Ap
Sequence 12474, Ap
Sequence 11474, Ap
Sequence 2073, Ap
Sequence 2073, Ap
Sequence 2313, Ap
Sequence 2313, Ap
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Sequence 1, Appli
Sequence 366, App
Sequence 1543, Ap
Sequence 1768, Ap
Sequence 1542, Ap
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20	37.5	41.7	70	9	US-10-040-862-2073	Sequence 2073,
21	37.5		70	9	US-10-040-862-2313	
22	36	40.0	20	10	US-09-864-761-44019	
23	36	40.0	48	10	US-09-864-761-47225	
24	36	40.0	52	9	US-10-083-357-1078	Sequence 1078,
25	36	40.0	56	10	-122	œ
26	36	40.0	171	9	US-10-101-464A-500	
27	36	40.0	196	10	US-09-815-242-13165	Sequence 13165,
28	36	40.0	199	10	US-09-939-980-388	
29	35	38.9	69	9	US-10-156-761-8065	œ
30	35	38.9	78	10	US-09-886-426-4	Sequence 4,
31	35	38.9	97	10	US-09-778-927A-45	
32	35	38.9	110	10	US-09-978-274A-8	Sequence 8,
3	35	38.9	112	9	US-09-764-872-297	Sequence 297
34	35	38.9	123	10	US-09-778-927A-44	
š	IJ	38.9	138	10	US-09-925-297-879	Seguence 87
36	35	38.9	140	9	US-10-012-542-241	Sequence 241
37	35	38.9	140	9	US-10-012-542-424	
8	35	38.9	141	10	US-09-778-927A-46	Sequence 46
39	35	38.9	155	9	US-09-738-626-6102	Sequence 6102
0	<b>υ</b>	38.9	177	10	US-09-893-737-174	Sequence 174
41	35	38.9	198	10	US-09-867-550-766	
2	34.5	38.3	85	10	US-09-864-761-42564	Sequence 42
3	34.5	38.3	108	9	96-6	Sequence 672
44	34.5	38.3	108	ø	-692-	
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# ALIGNMENTS

RESULT 1 US-09-847-637B-2

Sequence 2, Application US/09847637B Patent No. US20020150586A1

INFORMATION:

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CURRENT APPLICATION NUMBER: US/09/847,637B;
CURRENT FILING DATE: 2001-05-02;
PRIOR APPLICATION NUMBER: PCT/IL99/00595;
PRIOR PRIOR DATE: 1999-11-04
PRIOR APPLICATION NUMBER: 60/107,213
PRIOR APPLICATION NUMBER: 1-05;
PRIOR FILING DATE: 1-998-11-05;
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
; Sequence 1, Application US/09847637B; Patcent No. US20020150586A1; GENERAL INFORMATION:
APPLICANT: Naparstek, Yaakov; APPLICANT: Ulmansky, Rina
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US-09-847-637B-1
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Best Local Similarity
Matches 16; Conserv
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APPLICANT: Ulmanaky, Rina
APPLICANT: Kashi, Yechezkel
APPLICANT: Kashi, Yechezkel
TITLE OF INVENTION: NOVEL AMINO ACID SEQUENCES, DNA ENCODING
TITLE OF INVENTION: THE AMINO ACID SEQUENCES, ANTIBODIES DIRECTED AGAINST SUCH
TITLE OF INVENTION: SEQUENCES AND THE DIFFERENT USES THEREOF
FILE REFERENCE: 13125-002001
                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 16
TYPE: PRT
ORGANISM: Mycobacterium tuberculosis
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Pred. No. 3.6e-08;
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RESULT 4
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TITLE OF INVENTION: NOVEL AMINO ACID SEQUENCES, DN.
TITLE OF INVENTION: THE AMINO ACID SEQUENCES, ANT
TITLE OF INVENTION: SEQUENCES AND THE DIFFERENT!
FILE REFERENCE: 13125-002001
CURRENT APPLICATION NUMBER: US/09/847,637B
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: BCT/IL99/00595
PRIOR APPLICATION NUMBER: 60/107,213
PRIOR APPLICATION NUMBER: 60/107,213
PRIOR FILING DATE: 1998-11-05
PRIOR FILING DATE: 1998-11-05
PRIOR FILING DATE: 1998-11-05
                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                        Sequence 1543, Application US/09925301 Patent No. US20020052308A1
                                                                                                                                                                                                                                                                                                                                                                             Matches
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SEQ ID NO 366
LENGTH: 133
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st Local Similarity
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TITLE OF INVENTION: Nucleic Acids, Proteins FILE REFERENCE: PA106 CURRENT APPLICATION NUMBER: US/09/925,301 CURRENT FILING DATE: 2001-08-10 PRIOR APPLICATION NUMBER: PCT/US00/05882 PRIOR FILING DATE: 2000-03-08 PRIOR FILING DATE: 2000-03-08 PRIOR PRIOR DATE: 1909-03-12
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                                                                                                                                                  APPLICANT: Rosen et al.
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CURRENT FILING DATE: 2002-02-19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Bovine
0-079-623-366
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ITLE OF INVENTION: Compositions isolated from ITLE OF INVENTION: mammary gland and methods
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5. US20020169302A1
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                                                                                                                                                                                                                                                                                                      GPKGRTVIIEQSWGSP 71
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Grigor, Murray R.
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62.5%;
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Pred. No.
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Pred. No.
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, OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids US-09-925-300-1768
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                                                                                                                                                                                                                                      RESULT 6
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                                                                                                                                                                             Sequence 1542, Application US/09925301
Patent No. US20020052308A1
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Best Local Similarity
Matches 10; Conserv
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1543
LENGTH: 135
                                                                                                                                                              GENERAL INFORMATION:
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Best Local Similarity
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               PRIOR APPLICATION NUMBER: PCT/US00/05882 PRIOR FILING DATE: 2000-03-08 PRIOR APPLICATION NUMBER: 60/124,270
                                                                     CURRENT APPLICATION NUMBER: US/09/925,301
CURRENT FILING DATE: 2001-08-10
                                                                                                       APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins
FILE REFERENCE: PA106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: PCT/US00/05988
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1890
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/925,300 CURRENT FILING DATE: 2001-08-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Craig Rosen APPLICANT: Steve Ruber
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies FILE REFERENCE: PA101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION:
NAME/KEY: SITE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: SITE LOCATION: (7)
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NAME/KEY: SITE
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FILING DATE:
                                                                                                                                                                                                                                                                                          114 GPKGRTVIIEQSWGSP 129
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o. US20020151681A1
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62.5%;
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62.5%;
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Pred. No. 0.001;
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Pred. No. 0.00097;
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NAME/KEY: SITE
LOCATION: (131)
OTHER INFORMATION: Xaa e
NAME/KEY: SITE
LOCATION: (163)
OTHER INFORMATION: Xaa e
US-09-925-300-1769
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; NAME/KEY: SITE
; LOCATION: (40)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-925-301-1542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 1890
SOFTWARE: PatentIn Ver. 2.
SEQ ID NO 1769
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                                   Query Match
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OTHER INFORMATION: Xaa e
NAME/KEY: SITE
OCATION: (12)
THER INFORMATION: Xaa e
NAME/KEY: SITE
LOCATION: (41)
OTHER INFORMATION: Xaa e
NAME/KEY: SITE
LOCATION: (47)
OTHER INFORMATION: Xaa e
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/925,300
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05988
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER: CCC 15 NUMBER: 60/124,270
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Steve Ruben
TITLE OF INVENTION: Nucleic Acids, Proteins
FILE REFERENCE: PA101
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1542
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                                                                                                                                                                                                                       NAME/KEY: SITE
LOCATION: (115)
OTHER INFORMATION: Xaa
                                                                                                                                                                          NAME/KEY: SITE
LOCATION: (121)
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: SITE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Homo sapiens
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   Local Similarity
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Pred. No. 0.00
4; Mismatches
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Pred. No. 0.00
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0.001;
               DB 10; Length 168, 0.0012;
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US-09-847-637B-3
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US-10-269-557-18
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Matches
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SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 16
TYPE: PRT
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                                                                                          Query Match
Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/847,637B CURRENT FILING DATE: 2001-05-02 PRIOR APPLICATION NUMBER: PCT/IL99/00595 PRIOR FILING DATE: 1999-11-04 PRIOR APPLICATION NUMBER: 60/107,213 PRIOR FILING DATE: 1998-11-05
                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Naparstek, Yaakov
APPLICANT: Ulmanaky, Rina
APPLICANT: Ulmanaky, Rina
APPLICANT: Kashi, Yechezkel
TITLE OF INVENTION: NOVEL AMINO ACID SEQUENCES, DNA ENCODING
TITLE OF INVENTION: THE AMINO ACID SEQUENCES, ANTIBODIES DIRECTED AGAINST SUCH
TITLE OF INVENTION: SEQUENCES AND THE DIFFERENT USES THEREOF
FILE REFERENCE: 13125-002001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/269,557
CURRENT FILING DATE: 2002-10-11
PRIOR APPLICATION NUMBER: US/09/207,388
PRIOR FILING DATE: 1998-12-08
NUMBER OF SEQ ID NOS: 102
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TITLE OF INVENTION: NEISSERIA MENINGITIDIS, CANDIDA GLABRATA AND ASPERGILLUS
TITLE OF INVENTION: PUMIGATUS
FILE REPERENCE: 870109.411
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Wisniewski, Jan
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION:
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1 VVLEKKWGAP 10
                                     7 VVLEKKWGAP 16
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                                                                        Conservative
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                                                       100.0%; Pred. No. (ative 0; Misman)
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Pred. No. 0.00
                                                                            Mismatches
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                                                                                                              DB 10;
                                                                                            0.018;
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                                                                                                              Length 16;
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RESULT 10 US-09-893-737-16

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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-893-737-16
                                                                                                                                                              US-10-101-464A-745
                                                                                                                                                                                  RESULT 12
                                                                                                                                                                                                                                                                                                                                                                                                         ; ORGANISM: Homo sapiens
US-09-847-637B-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-847-637B-4
                                                                            Sequence 745, Application US/10101464A Publication No. US20030046728A1 GENERAL INFORMATION:
APPLICANT: Strabala, Timothy
                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                 Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 4, Application US/09847637B
Patent No. US20020150586A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/893,737
CURRENT FILING DATE: 2001-06-28
PRIOR APPLICATION NUMBER: US 60/215,446
PRIOR FILING DATE: 2000-06-30
NUMBER OF SEQ ID NOS: 329
APPLICANT: Nieuwenhuizen, Nicol
APPLICANT: Higgins, Colleen M.
TITLE, OF INVENTION: Composition
TITLE OF INVENTION: and Their I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/847,637B
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: PCT/IL99/00595
PRIOR FILING DATE: 1999-11-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: NOVEL AMINO ACID SEQUENCES, DNA ENCODING
TITLE OF INVENTION: THE AMINO ACID SEQUENCES, ANTIBODIES DIRECTED AGAINST SUCH
TITLE OF INVENTION: SEQUENCES AND THE DIFFERENT USES THEREOF
FILE REFERENCE: 13125-002001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Naparstek, Yaakov
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Sheppard, Paul O.
APPLICANT: Presnell, Scott R.
TITLE OF INVENTION: MAMMALIAN SECRETED PROTEINS
FILE REFERENCE: 00-41
                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/107,213 PRIOR FILING DATE: 1998-11-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS:
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                                                                                                                                                                                                                                                                                                                          Local Similarity 50. es 5; Conservative
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8; Conserv
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Kashi, Yechezkel
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Compositions Isolated from Plant Cells and Their Use in the Modification of Plant Cell Signaling
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33.3%;
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Pred. No. 6.2;
4; Mismatches
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US-09-738-626-5916

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Sequence 5916, Application US/09738626 Publication No. US20020197605A1 GENERAL INFORMATION:

APPLICANT: NAKAGAWA, SATOSHI APPLICANT: MIZOGUCHI, HIROSHI APPLICANT: ANDO, SEIKO APPLICANT: HAYASHI, MIKIRO

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CURRENT FILING DATE: 2002-03-18
PRIOR APPLICATION NUMBER: 09/704,302
PRIOR PILING DATE: 2000-11-01
PRIOR APPLICATION NUMBER: 09/228,986
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/162,866
PRIOR APPLICATION NUMBER: FC1/05/866
PRIOR PILING DATE: 1999-11-01
PRIOR PILING DATE: 2000-01-11
PRIOR PILING DATE: 2000-01-11
NUMBER OF SBO ID NOS: 989
RESULT 14
                                                                                                                                                                                         ; TYPE: PRT ; ORGANISM: Streptomyces avermitilis US-10-156-761-7653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-156-761-7653
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                                                                                                                    Query Match
Best Local S
Matches 8
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PRIOR FILING DATE: 2001-08-02
NUMBER OF SEQ ID NOS: 15109
SEQ ID NO 7633
LENGTH: 117
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LENGTH: 119
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: 249-262
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT FILING DATE: 2002-05-29
                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: SHIBA, TADAYOSHI
APPLICANT: SAKAKI, YOSHIYUKI
APPLICANT: HATTORI, MASHIRA
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: JP 2001-204089 PRIOR FILING DATE: 2001-05-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: OMURA, SATOSHI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 11000.1020c2
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                                                   15 GPKELDLVRELKWRA 29
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                                                                                 1 GPKGRNVVLEKKWGA 15
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Similarity 46.2%;
6; Conservation
                                                                                                                      Similarity
8; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FastSEQ for Windows Version 4.0
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HORIKAWA, HIROSHI
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53.3%;
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Pred. No. 62;
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Pred. No.
                                                                                                                        Mismatches
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APPLICANT: IKEDA, MASATO
APPLICANT: OZAKI, AKIO
ITITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERENCE: 249-125
CURRENT APPLICATION NUMBER: US/09/738,626
CURRENT FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: UP 99/377484
PRIOR FILING DATE: 1999-12-16
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: UP 00/159162
PRIOR FILING DATE: 2000-04-07
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: UP 00/280988
PRIOR FILING DATE: 2000-08-03
NUMBER OF SEQ ID NOS: 7059
SOFTWARE: Patentin ver. 3.0
LENGTH: 131
ORGANISM: Corynebacterium glutamicum
US-09-738-626-5916
                                                                                                                                                                                                                                                  RRENT APPLICATION NUMBER: US/10/156,761

RESERVED FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: UP 2001-204089

PRIOR APPLICATION NUMBER: UP 2001-272697

PRIOR FILING DATE: 2001-08-02

NUMBER OF SEQ ID NOS: 15109

SEQ ID NO 12474

LENGTH: 132

TYPE: PRT

ORGANISM: Streptomyces avermitilis

US-10-156-761-12474
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US-10-156-761-12474
Sequence 12474, Application US/10156761
Publication No. US20030119018A1
GENERAL INFORMATION:
Search completed: July 12, 2003, 09:39:18 Job time : 14.9259 secs
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APPLICANT: IKEDA, HARUO
APPLICANT: ISHIKAWA, JUN
APPLICANT: HORIKAWA, HIROS
APPLICANT: SHIBA, TADAYOSH
                                                                                                                                                                                        Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 42.8%; Score 38.5; Best Local Similarity 56.2%; Pred. No. 85; Matches 9; Conservative 2; Mismatches
                                                                                                                                                                      Matches
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PPLICANT: HORIKAWA, HIROSHI
PPLICANT: SHIBA, TADAYOSHI
PPLICANT: SAKAKI, YOSHIYUKI
PPLICANT: HATTORI, MASAHIRA
TITLE OP INVENTION: NOVEL POLYNUCLEOTIDES
TILE REFERENCE: 249-262
                                                                                                                                                                                      Local
                                                                                57 GKNLVLELKFG 67
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                                                                                                                        4 GRNVVLEKKWG 14
                                                                                                                                                                h 42.2%; Score 38; DB 9; Length 132; Similarity 63.6%; Pred. No. 1e+02; 7; Conservative 3; Mismatches 1; Indels
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YOKOI, HARUHIKO
TATEISHI, NAOKO
SENOH, AKIHIRO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2; Mismatches
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Result
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Maximum Match
Listing first
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Perfect score:
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Maximum DB
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              ched:
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Match
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Gapop 10.0 ,
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90
              Issued_Patents_AA:*

1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*
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         GenCore version (c) 1993 - 2003
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45 gr
    US-08-598-873-15
US-08-65-430-15
US-08-467-822-11
US-08-46-248-11
US-08-46-248-11
US-08-46-207A-396
US-08-936-165A-388
US-09-934-001C-686
US-09-9134-001C-686
US-09-9134-001C-686
US-09-9134-001C-686
US-09-9134-001C-686
US-09-9134-01C-686
US-09-9134-01C-686
US-09-913-97C-68
US-09-913-97C-68
US-09-113-97C-68
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Sequence 15, Appl Sequence 11, Appl Sequence 11, Appl Sequence 11, Appl Sequence 396, App Sequence 396, App Sequence 21, Appl Sequence 12, Appl Sequence 12, Appl Sequence 13, Appl Sequence 54, Appl Sequence 55, Appl Sequence 55, Appl Sequence 55, Appl Sequence 55, Appl Sequence 253, App Sequence 253, Appl Sequence 253, Appl Sequence 253, Appl Sequence 65, Appl Sequence 65, Appl Sequence 65, Appl Sequence 66, Appl Sequence 
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N N Query Match Best Local S Matches 8

8; Conserv

Conservative

2;

42.2%;

Score 38; DB Pred. No. 6.5; 2; Mismatches

2 5

Length 35 Indels

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Gaps

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PKGRNVVLEKKWGAP 16 PRGRKVLLVXFLGAP

RESULT 1  US-08-598-873-15  Sequence 15, Application US/08598873  Patent No. 5928884  GENERAL INFORMATION: HIT PROTEINS AND NUCLEIC ACIDS TITLE OF INVENTION: METHODS BASED THEREON NUMBER OF SEQUENCES: 77  CORRESPONDENCE ADDRESS: ADDRESSSE: Pennie & Edmonds STREET: 1155 Avenue of the Americas CITY: New York STATE: New York COUNTRY: U.S.A. ZIP: 10036-2711  COMPUTER READABLE FORM: MEDIUM TYPE: Ploppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, Version #1.30  CURRENT APPLICATION NUMBER: US-08/598,873  FILING DATE: 09-FEB-1996  CLASSIFICATION: 514 ATTORNEY/AGENT INFORMATION: NAME: Friebel, Thomas E REGISTRATION: NUMBER: 09-666-004  TELEFAX: (212) 869-9741/8864  TELEFAX: 66141 PENNIE INFORMATION FOR SEQ ID NO: 15: SEQUENCE CHARACTERISTICS: LENGTH: 35 amino acids TYPE: amino acids TYPE: amino acids TYPE: unknown MCLECULE TYPE: peptide US-08-598-873-15	28 34 37.8 86 4 US-09-556-877-5 29 34 37.8 86 4 US-09-288-594A-5 30 34 37.8 86 4 US-09-620-412C-5 31 34 37.8 86 4 US-09-620-412C-5 31 34 37.8 94 US-09-134-001C-4560 32 34 37.2 169 5 PCT-US96-07709-2 34 33.5 37.2 169 5 PCT-US96-07709-19 35 33 36.7 188 2 US-08-766-858A-35 36 33 36.7 188 2 US-09-134-001C-3152 37 32 35.6 20 4 US-09-556-877-228 38 32 35.6 20 4 US-09-56-877-228 40 32 35.6 20 4 US-09-620-412C-228 41 32 35.6 87 4 US-09-620-412C-228 42 32 35.6 87 4 US-09-56-877-28 43 32 35.6 87 4 US-09-586-877-89 45 32 35.6 87 4 US-09-586-877-89 47 32 35.6 87 4 US-09-586-877-89 48 32 35.6 87 4 US-09-586-877-89 49 32 35.6 87 4 US-09-586-877-89
AND	Sequence 5, Appli Sequence 5, Appli Sequence 5, Appli Sequence 4560, Ap Sequence 22, Appli Sequence 19, Appl Sequence 35, Appl Sequence 3152, Ap Sequence 228, App Sequence 229, App Sequence 229, App Sequence 271, App Sequence 471, App Sequence 28, Appl Sequence 28, Appl

RESULT 2 US-08-605-430-15

Application US/08605430

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Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity
                                                                                                                                                                                                                                                                                                              Sequence 11,
                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Labign
APPLICANT: Sauerb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEX: 66141 PENNIE INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                            tent No.
                                                                                                                                      TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08
FILING DATE: 22-FEB-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 86
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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TITLE OF INVENTION: FHIT PROTEINS AND NUCLEIC ACIDS AND
TITLE OF INVENTION: METHODS BASED THEREON
                                                                                                                    TUMBER OF SEQUENCES:
                                                                                                      ORRESPONDENCE ADDRESS:
                                                                                                                                                                                                            PPLICANT:
                                                                                                                                                                                                                       PPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid TOPOLOGY: unknown
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A.
COUNTRY:
                                                                    ADDRESSEE: Dunner
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624221
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                                                                                                                                                                                                                                                                                            1, Application US/08467822
5843460
                                Washington
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 USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      35 amino acids
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                                                  1300 I Street, N.W.
                                                                                                                                                                                                 Sauerbaum, Sebastien Ferrero, Richard L. Thiberge, Jean-Michel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (212)
                                                                                                                                                                                                                                                         Labigne, Agnes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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                                                                                  Finnegan, Henderson,
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                                                                                                                                    IMPUNOGENIC COMPOSITIONS AGAINST HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID POLYPEPTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   42.2%; Score 38; DB 53.3%; Pred. No. 6.5;
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                                                                                    Farabow,
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                                                                                    Garrett
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RESULT 4
US-08-432-697-11
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Best Local Similarity
---ches 6; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; MOLECULE TYPE: peptide US-08-467-822-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (202) 408-44
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: ITTLE OF INVENTION: ITTLE OF INVENTION: ITTLE OF INVENTION: INVENTIO
                                                                                                          COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/447,177
                        SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/432,69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US
FILING DATE: 06-JUN-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                              COUNTRY: USA
ZIP: 20005-3315
                                                                                                                                                                                                                                                                                                                               STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
STRANDEDNESS: si
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REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 08/432,697 FILING DATE: 02-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 0 FILING DATE: 19-MAY-1995
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OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                       CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                         STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                         E: Dunner
1300 I Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Thiberge, Jean-Michel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sauerbaum, Sebast
Ferrero, Richard
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SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (202) 408-4000
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02-MAY-1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              POLYPEPTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPOSITIONS, AND NUCLEIC ACID SEQUENCES
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                           US/08/432,697
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Pred. No. 1.9e+05
                                                                                            Version #1.30
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ATTORNEY/AGENT INFORMATION:

Meyers,

Kenneth

CLASSIFICATION:

REGISTRATION NUMBER: 25,146

03495.0137-00000

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US-08-466-248-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: BM PC COMPATION:
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMBER: US/08/466,248
FILING DATE: 06-UN-1995
CLASSIFICATION: 435
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APPLICANT:
APPLICANT:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4000
                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/432,697
FILING DATE: 02-MAY-1995
                                                      NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 03-
TELECOMMUNICATION INFORMATION:
                                                                                                                                ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: peptide
                                                                                                                                                                                                                           APPLICATION NUMBER: US 01
FILING DATE: 19-MAY-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 1300 I St
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 8 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                       CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
                                      TELEPHONE:
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o. 6258359
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Ferrero, Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
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VENTION: IMMUNOGENIC COMPOSITIONS AGAINST
VENTION: HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE
VENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Labigne, Agnes
Sauerbaum, Sebastien
                                      (202) 408-4000
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408-4400
ID NO: 1
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85.7%;
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                                                                            03495.0137-02000
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Pred. No. 1.9e+05;
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US-08-858-207A-396
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Best Local Similarity
Conserve
                                                                                      ; MOLECULE TYPE: US-08-858-207A-396
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; MOLECULE TYPE: peptide US-08-466-248-11
                               Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 396,
                                                       Query Match
                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/858,207A
FILING DATE: 09-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/017670
PILING DATE: 14-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Gimmi, Edward R
REGISTRATION NUMBER: 950475
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-4478
                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Nicholas, Richard
APPLICANT: Stodola, Robert
TITLE OF INVENTION: No. 6348328el Compounds
NUMBER OF SEQUENCES: 552
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Black, Michael APPLICANT: Hodgson, John APPLICANT: Knowles, David
                                                                                                                                                                            SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 8 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM CON OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 709 Swedering CITY: King of Prussia
                                                                                                                  TOPOLOGY:
                                                                                                                              TYPE: amino of STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 19406-0939
                                                                                                                                                                                                                      TELEFAX: 610-270-5090
                                                                                                                                                           LENGTH:
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7 VVLEKKWGAP 16
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6348328
                                                                                                                                            amino acid
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                              Conservative
                                                                                                                  linear
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                                                                                                   No. 6348328e
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85.7%;
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                                             Score 36; DB
Pred. No. 42;
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Pred. No. 1.9e+05;
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                               Mismatches
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                                                       Length 91;
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RESULT 7

US-08-936-165A-388

Sequence 388, Application US/08936165A Patent No. 6348582

INFORMATION:

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                                                                                                                               US-09-025-151-21
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                                                                            GENERAL INFORMATION:
                                                                                         Sequence 21, Application US/09025151
Patent No. 6187535
                                                                                                                                                                                                                                                                              Query Match 40.0%;
Best Local Similarity 80.0%;
Matches 8; Conservative
APPLICANT: Legrain, Pierre
APPLICANT: Fromont, Micheline
APPLICANT: Rain, Jean-Christophe
TITLE OF INVENTION: FAST AND EXHAUSTIVE METHOD FOR SELECTING A PREY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/027,032
APPLICATION NUMBER: 24-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: Gimmi, Edward R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Reichard, Richard
APPLICANT: Rosenberg, Martin
APPLICANT: Ward, Judith
TITLE OF INVENTION: No. 6348582el Prokaryotic Polynucleotides,
TITLE OF INVENTION: Polypeptides and Their Uses
NUMBER OF SEQUENCES: 534
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
APPLICANT:
APPLICANT:
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SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/936,165A
FILING DATE: 24-SEP-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline
STREET: 709 Swedeland
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: 1
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 38,891
REFERENCE/DOCKET NUMBER: P5
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 610-270-5090
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: King of Prussia
                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 199 amino acids TYPE: amino acid
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Burnham, Martin
Hodgson, John
Knowles, David
Lonetto, Michael
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Pratt, Julie
Reichard, Richard
                                                                                                                                                                                                                                                                                                                                                                                           linear
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Pred. No.
                                                                                                                                                                                                                                                                                  Mismatches
                                                                                                                                                                                                                                                                                                                 DB 4; Length 199
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; SEQ ID NO 21
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
US-09-025-151-21
                                                                                                                                                                                                                                                                                                                         RESULT 10
US-09-675-922-12
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SEQ ID NO 4686
                                                     SOFTWARE: P
                                                                                                                                                                                                                                                                                       Sequence 12, Application US/09675922 Patent No. 6468731
                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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Best Local
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                                                                                         TITLE OF INVENTION: Enzyme-Mediated Modif:
TITLE OF INVENTION: Engineering: Incorpo
FILE REFERENCE: ETH 107 DIV
CURRENT APPLICATION NUMBER: US/09/675,922
CURRENT FILING DATE: 2000-09-29
NUMBER OF SEQ ID NOS: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: POLYPEPTIDE INTERACTING WITH A BAIT POLYPEPTIDE OF TITLE OF INVENTION: INTEREST: APPLICATION TO THE CONSTRUCTION OF MAPS OF TITLE OF INVENTION: INTERACTORS POLYPEPTIDES FILE REFERENCE: 03495-0164
CURRENT APPLICATION NUMBER: US/09/025,151
CURRENT FILING DATE: 1998-02-18
NUMBER OF SEQ ID NOS: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: GTC-007
CURRENT APPLICATION NUMBER: US/09/134,001C
CURRENT FILING DATE: 1998-08-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Lynn Doucette-Stamm et al TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                          APPLICANT: Hubbell A., Jeffrey APPLICANT: Schense C., Jason APPLICANT: Sakiyama E., Shelley
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/064,964
PRIOR FILING DATE: 1997-11-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/055,779 PRIOR FILING DATE: 1997-08-14
                 LENGTH:
TYPE: PR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT ORGANISM: Staphylococcus epidermidis
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 111
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10. 6380370
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                                                                           PatentIn Ver. 2.1
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42.9%;
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Pred. No. 79;
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                                                                                                                                                                        1 Modification Incorporation
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RESULT 12
US-08-939-853A-14
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US-08-996-679-63
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                                                                                                                                                                                                                                                                                                 US-08-996-679-63
                                                      Sequence 14, Application US/08939853A
Patent No. 6203788
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 63, Application Patent No. 6169071
GENERAL INFORMATION:
                                                                                                                                                                                                                                      Matches
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Best Local
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APPLICANT: Gour, Barbara J.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING
TITLE OF INVENTION: CELL ADHESION
NUMBER OF SEQUENCES: 63
                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Makt, Daivd J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 100086.401C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
APPLICANT: Blaschik, Orest W.
APPLICANT: Gour, Barbara J.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR REGULATING
TITLE OF INVENTION: CELL ADHESION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (206) 682-6031
FORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 amino acids
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                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/996,679 FILING DATE: 23-DEC-1997
                                                                                                                                                                                                                                                                                                                TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                           amino acid
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682-6031
NO: 63:
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66.7%;
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66.7%;
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Pred. No. 14;
3; Mismatches
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; OTHER INFORMATION: Description of Artificial Sequence: ; OTHER INFORMATION: Synthesis US-09-115-395-23
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Query Match
Best Local Similarity bo..
Conservative
                                                                                                                                                           SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 23
LENGTH: 17
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 66.7%;
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APPLICANT: Gour, Barbara J.
APPLICANT: Gour, Barbara J.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NEURITE OUTGROWTH
FILE REFERENCE: 100086.401C3
CURRENT APPLICATION NUMBER: US/09/115,395A
CURRENT FILING DATE: 1998-07-14
EARLIER APPLICATION NUMBER: 08/996,679
EARLIER FILING DATE: 1997-12-23
EARLIER APPLICATION NUMBER: 08/893,534
EARLIER APPLICATION NUMBER: 08/893,534
EARLIER APPLICATION NUMBER: 60/021,612
EARLIER APPLICATION NUMBER: 60/021,612
EARLIER FILING DATE: 1996-07-12
EARLIER FILING DATE: 1996-07-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO:
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PILING DATE: 29-SEP-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy
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ADDRESSEE: SEED and BERRY LLP
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REGISTRATION NUMBER: 32,391
REFERENCE/DOCKET NUMBER: 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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                                               Score 34; DB 4;
Pred. No. 14;
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Pred. No. 14;
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APPLICANT: Blaschuk, Orest W.
APPLICANT: Blaschuk, Orest W.
APPLICANT: GOUY, BAYBAYA J.
FILE AFFERENCE: 100086, 401C6
CURRENT APPLICATION NUMBER: US/09/250,059
CURRENT FILING DATE: 1999-02-12
UMBER OF SEQ ID NOS: 87
SEQ ID NOS: 87
SEQ ID NOS: 87
LENGTH: 17
TYPE: PRT
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: Description of Unknown Organism: N-CAM heparin
OTHER INFORMATION: sulfate binding site
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US-09-113-977C-68
; Sequence 68, App
; Patent No. 62778
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Search completed: July 12, 2003, 09:29:28 Job time : 10.4815 secs
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US-09-250-059-54
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Best Local Similarity 66.7%;
Matches 6; Conservative
                                                                                                                                                            Query Match 37.8%; Score 34; DB 4; Length 17; Best Local Similarity 66.7%; Pred. No. 14;
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                                                                                                                                             Matches
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CURRENT APPLICATION NUMBER: US/09/113,977C
CURRENT FILING DATE: 1998-07-10
NUMBER OF SEQ ID NOS: 87
SOFTMARE: Patentin Ver. 2.0
O ID NO 68
LENGTH: 17
TYPE: PRT
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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Synthesis
                                                                   3 KGRNVVLEK 11
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5 KGRDVILKK 13
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5 KGRDVILKK 13
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| KGRDVILKK 13
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Blaschuk, Orest W.
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Pred. No. 14;
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Match
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133.759 Million cell updates/sec
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:/cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
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:/cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.com:pep:*
:/cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
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168
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US-09-925-300-1768
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US-09-925-301-1203
US-09-925-301-1203
US-10-269-557-18
US-09-925-301-1203
US-09-925-301-1203
US-09-925-297-879
US-09-977-464A-8
US-09-797-464A-8
US-09-797-464A-8
US-09-815-242-13165
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US-09-847-637B-1
US-09-847-637B-4
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                                                                                                                                                                                                                                                                                             SUMMARIES
Sequence 3, Appli
Sequence 4, Appli
Sequence 4, Appli
Sequence 1543, App
Sequence 1763, App
Sequence 1769, App
Sequence 1769, App
Sequence 18, Appli
Sequence 879, App
Sequence 879, App
Sequence 6, Appli
Sequence 7805, App
Sequence 41649, A
Sequence 1294, Ap
Sequence 1294, Ap
                                                                                                                                                                                                                                                      Description
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## ALIGNMENTS

US-09-847-637B-3

Application US/09847637B

GENERAL INFORMATION: Sequence 3, Application US Patent No. US20020150586A1

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CURRENT APPLICATION NUMBER: US/09/847,637B;
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: PCT/IL99/00595
PRIOR FILING DATE: 1999-11-04
PRIOR APPLICATION NUMBER: 60/107,213
PRIOR FILING DATE: 1998-11-05
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
                                                                                                     RESULT 2
US-09-847-637B-1
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Best Local S
Matches 16
Sequence 1, Application US/09847637B
Patent No. US20020150586A1
GENERAL INFORMATION:
APPLICANT: Naparatek, Yaakov
APPLICANT: Ulmansky, Rina
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APPLICANT: Ulmansky, Rina
APPLICANT: Ulmansky, Rina
APPLICANT: Kashi, Yechezkel
TITLE OF INVENTION: NOVEL AMINO ACID SEQUENCES, DNA ENCODING
TITLE OF INVENTION: THE AMINO ACID SEQUENCES, ANTIBODIES DIRECTED AGAINST SUCH
TITLE OF INVENTION: SEQUENCES AND THE DIFFERENT USES THEREOF
FILE REFERENCE: 13125-002001
                                                                                                                                                                                                                                                                                                                                                               LENGTH: 16
TYPE: PRT
ORGANISM: Mycobacterium tuberculosis
                                                                                                                                                                                                             1 VVLEKKWGAPTITNDG 16
                                                                                                                                                                                                                                                                  16;
                                                                                                                                                                                                                                                                                         Similarity
                                                                                                                                                                                      VVLEKKWGAPTITNDG
                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                         100.0%;
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Pred. No. 1e-07;
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                                                                                                                                                                                                                                                                                                        Length 16;
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                                                                                                                                                                US-10-079-623-366
                                                                                                                                                                                     RESULT 4
                                                                                                                                                                                                                                                                                                                                                                                                          US-09-847-637B-4
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                                                                                                      GENERAL INFORMATION:
                                                                                                                         Sequence 366, Application US/10079623 Patent No. US20020169302A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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APPLICANT: Ulmansky, Rina
APPLICANT: Kashi, Yechezkel
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CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: PCT/IL99/00595
PRIOR FILING DATE: 1999-11-04
PRIOR APPLICATION NUMBER: 60/107,213
PRIOR FILING DATE: 1998-11-05
                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: FastSEQ for Windows Version 4.0
SQ ID NO 4
LENGTH: 20
TYPE: PRT
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st Local Similarity
                                                              APPLICANT:
                                                                               APPLICANT: Havukkala, Ilkka J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: NOVEL AMINO ACID SEQUENCES, DNA ENCODING TITLE OF INVENTION: THE AMINO ACID SEQUENCES, ANTIBODIES DIRETIFLE OF INVENTION: SEQUENCES AND THE DIFFERENT USES THEREOF FILE REFERENCE: 13125-002001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: FastSEQ for Windows Version 4.0
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TITLE OF INVENTION: NOVEL AMINO ACID SEQUENCES, DNA ENCODING
TITLE OF INVENTION: THE AMINO ACID SEQUENCES, ANTIBODIES DIRECTED AGAINST SUCH
TITLE OF INVENTION: SEQUENCES AND THE DIFFERENT USES THEREOF
                                           APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                  Local
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T: Glenn, Matthew
T: Grigor, Murray R.
T: Molenaar, Adrian J.
INVENTION: Compositions isolated from bovine
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                                                                                                                                                                                                                                                                                     1 VVLEKKWGAPTITNDG 16
                                                                                                                                                                                                                                                                                                                         Similarity
8; Conserv
                                                                                                                                                                                                                                                VIIEQSWGSPKVTKDG 17
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Pred. No.
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Pred. No.
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; LENGTH: 133
; TYPE: PRT
; ORGANISM: Bovine
US-10-079-623-366
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Best Local Similarity
"hes 8; Conserve
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                                                                                                                                                                                                                                                                                                                                                              RESULT 6
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1543
LENGTH: 135
TYPE: PRT
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 366
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Best Local S
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                                                  SEQ ID NO 1768
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                                                                                                                                                                                                                                                                                                          Sequence 1768, Application US/09925300 Patent No. US20020151681A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/925,301
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05882
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/925,300
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/079,623
CURRENT FILING DATE: 2002-02-19
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                                                                                     PRIOR APPLICATION NUMBER: 60/124,270 PRIOR FILING DATE: 1999-03-12 NUMBER OF SEQ ID NOS: 1890
                                                                                                                                                                                                                    FILE REFERENCE: PA101
                                                                                                                                                                                                                                                     APPLICANT: Craig Rosen, APPLICANT: Steve Ruber
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins
FILE REFERENCE: PA106
                                                                      SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                             PRIOR FILING DATE: 2000-03-08
                  LENGTH: 143
TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                           PPLICANT: Steve Ruben TILE OF INVENTION: Nucleic Acids, Proteins and Antibodies
                                                                                                                                                                                                                                                                                                                                                                                                                  32 VIIEQSWGSPKVTKDG 47
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       8; Conserve
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Pred. No. 0.
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Pred. No. 0.034;
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0.035;
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; OTHER INFORMATION: Xaa e
; NAME/KEY: SITE
; LOCATION: (8)
; OTHER INFORMATION: Xaa e
US-09-925-300-1768
                      APPLICANT: Craig Rosen,
APPLICANT: Steve Ruben
TITLE OF INVENTION: Nucleic Acids, Proteins and
FILE REFERENCE: PA101
CURRENT APPLICATION NUMBER: US/09/925,300
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05988
PRIOR FILING DATE: 2000-03-08
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
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                                                                                                                                                                                                                                                                                                                                                                                                                           ; ORGANISM: Homo sapiens
; FEATURE;
; NAME/KEY: SITE
; LOCATION: (40)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids US-09-925-301-1542
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Best Local Similarity
Thes 8; Conserv
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                                                                                                                                                                                                                                     US-09-925-300-1769
                                                                                                                                                                                       Sequence 1769, Application US/09925300 Patent No. US20020151681A1 GENERAL INFORMATION:
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SEQ ID NO 1542
LENGTH: 145
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CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05882
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
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TITLE OF INVENTION: Nucleic Acids, Proteins
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NAME/KEY: SITE
LOCATION: (4)
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8; Conserv
                  SEQ ID NOS: 1890
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Pred. No.
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US-09-847-637B-2
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                                                  Query Match
Best Local S
Matches 10
                                                                                                                                                      NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                        Sequence 2, Application US/09847637B Patent No. US20020150586A1
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                                                                                                                                                                                             TITLE OF INVENTION: NOVEL AMINO ACID SEQUENCES, DNA ENCODING
TITLE OF INVENTION: THE AMINO ACID SEQUENCES, ANTIBODIES DIRECTED AGAINST SUCH
TITLE OF INVENTION: SEQUENCES AND THE DIFFERENT USES THEREOF
FILE REFERENCE: 13125-002001
CURRENT APPLICATION NUMBER: US/09/847,637B
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: PC/IL99/00595
PRIOR APPLICATION NUMBER: 60/107,213
PRIOR FILING DATE: 1999-11-05
PRIOR FILING DATE: 1999-11-05
                                                                                                                                                                                                                                                                                                                                  APPLICANT: Naparstek, Yaakov
APPLICANT: Ulmansky, Rina
APPLICANT: Kashi, Yechezkel
                                                                                                              LENGTH: 16
TYPE: PRT
ORGANISM: Mycobacterium tuberculosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Xaa
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LOCATION: (163)
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NAME/KEY: SITE
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LOCATION: (41)
OTHER INFORMATION:
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LOCATION: (12)
OTHER INFORMATION:
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FEATURE:
NAME/KEY: SITE
LOCATION: (7)
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LOCATION: (121)
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RESULT 10
US-10-269-557-18
Sequence 18, Application US/10269557
Publication No. US20030099664A1
GENERAL INCORMATION:
                                                                                                         RESULT 12
US-09-925-297-879
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GENERAL ENFORMATION:
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                                           Sequence 879, Application US/09925297 Patent No. US20020081659A1
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Best Local
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CURRENT FILING DATE: 2002-10-11
PRIOR APPLICATION NUMBER: US/09/207,388
PRIOR FILING DATE: 1998-12-08
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TITLE OF INVENTION: NEISSERIA MENINGITIDIS, CANDIDA GLABRATA AND ASPERGILLUS
TITLE OF INVENTION: FUNCTIONS FROM THE PROTEIN OF THE PROPERTY OF THE PROTEIN OF THE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
NAME/KEY: SITE
LOCATION: (27)
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PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1694
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CURRENT FILING DATE: 2001-08-10
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TITLE OF INVENTION: Nucleic Acids, Proteins and
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Q ID NO 1203
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Pred. No. 9.
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Pred. No.
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Best Local Similarity
6; Conserva
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                                                                                                                                                                                                                                                                                                                                                   Sequence 8, Application US/09797464A Publication No. US20030022807A1
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NAME/KEY: SITE
NAME/KEY: (83)
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PRIOR APPLICATION NUMBER: PCT/US00/05989
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
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CURRENT APPLICATION NUMBER: US/09/797,464A
CURRENT FILING DATE: 2002-02-19
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
                                                                                                                               APPLICANT: Kauppinen, Markus Sakari
APPLICANT: Schulein, Martin
TITLE OF INVENTION: Family 5 Xyloglucanases
FILE REFERENCE: 6073.200-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 9:
SOFTWARE: PatentIn Ver.
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CURRENT FILING DATE: 2001-08-10
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TITLE OF INVENTION: Nucleic Acids, Proteins
                                                                                                                                                                                                                                                    APPLICANT: Wilting, APPLICANT: Bjornvac
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ORGANISM: Homo sapiens
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OTHER INFORMATION:
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Bjornvad, Mads Eskelund
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Pred. No.
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APPLICANT: Wilting, Reinhard
APPLICANT: Bjornvad, Mada Eskelund
APPLICANT: Kauppinen, Markus Sakari
APPLICANT: Schulein, Martin
TITLE OF INVENTION: Family 5 Xyloglucanases
FILE REFERENCE: 6073.200-US
CURRENT APPLICATION NUMBER: US/09/797,464A
CURRENT FILING DATE: 2002-02-19
NUMBER OF SEO TO WOOD
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; TYPE: PRT
; ORGANISM: Paenibacillus pabuli
US-09-797-464A-8
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US-09-797-464A-6
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SEQ ID NO 6

LENGTH: 167

TYPE: PRT

ORGANISM: Paenibacillus pabuli
                                                                                                                                                                    SOFTWARE: PatentIn Ver. 3.0
SEQ ID NO 7805
LENGTH: 62
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                     CURRENT FILING DATE: 2002-03-27
PRIOR APPLICATION NUMBER: PCT/US00/26524
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: US 60/157,137
                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Ruben et al.
TITLE OF INVENTION: Colon and Colon Cancer Associated Polynucleotides and Polypeptide
FILE REFERENCE: PRO05P1
CURRENT APPLICATION NUMBER: US/10/106,698
CURRENT FILING DATE: 2002-03-27
                                                                                                                                                                                                                                PRIOR FILING DATE: 1999-09-29
PRIOR APPLICATION NUMBER: US 60/163,280
PRIOR FILING DATE: 1999-11-03
NUMBER OF SEQ ID NOS: 8564
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                   OTHER INFORMATION: Xaa equals any of NAME/KEY: MISC FEATURE LOCATION: (15)
                                                                                                                                 ORGANISM: Homo sapiens
                                                                           NAME/KEY: MISC_FEATURE
LOCATION: (12)
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INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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Pred. No. 1.1e+02;
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Best Local Similarity
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                                                                                                                                                        OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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NAME/KEY: MISC_FEATURE
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44 WGALTLIGNG 53
                                 7 WGAPTITNDG 16
                                                                   Conservative
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Search completed: July 12, 2003, 09:39:18 Job time : 13.9259 secs

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Result
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      Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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Gapop 10.0 , Gapext 0.
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1: /cgn2_6/ptodata/1/1aa/5A_COMB.pep:*

2: /cgn2_6/ptodata/1/1aa/5B_COMB.pep:*

3: /cgn2_6/ptodata/1/1aa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1/1aa/6B_COMB.pep:*

5: /cgn2_6/ptodata/1/1aa/PCTUS_COMB.pep:*

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1 100%
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           US-08-858-207A-396
US-08-946-914-8
US-08-946-914-8
US-09-656-450-8
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US-07-755-161A-2
US-07-755-174-1
US-07-891-174-1
US-07-891-174-2
US-08-256-771-22
US-08-256-771-23
US-08-381-984-22
US-08-381-984-23
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2 US-08-464-182A-9
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Sequence 8, Appli
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Sequence 22, Appli
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US-08-858-207A-396
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Query Match
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US-08-705-875A-8	US-09-097-233-18	US-08-874-832-18	US-09-034-916-9	US-08-946-329A-88	US-08-647-960-10	US-09-087-134-12	US-08-469-260A-344	US-09-228-986-121	US-08-406-271-22	US-08-464-182A-22	US-09-017-043A-4	US-08-381-984-27	US-08-256-771-28	US-07-891-174-6	US-07-755-161A-6	US-08-381-984-28	US-08-256-771-29
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## ALIGNMENTS

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Patent NO.

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Black, Michael

APPLICANT: Hodgson, John

APPLICANT: Morotes, David

APPLICANT: Nicholas, Richard

APPLICANT: Stodola, Robert

TITLE OF INVENTION: No. 6348328el Compounds
                                                         US-08-858-207A-396
                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/858,207A
FILING DATE: 09-MAY-1997
CLASSIFICATION + 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/017670
FILING DATE: 14-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Gimmi, Edward R
REGISTRATION NUMBER: 95,0475
REGISTRATION NUMBER: 95,0475
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-4478
TELEPHONE: 610-270-5090
                                                                                                                                                                     INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 552
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
                                                                         STRANDEDNESS:
TOPOLOGY: lin
MOLECULE TYPE:
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                                                                                                                             TYPE: amino acids
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COUNTRY: USA
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                                                                                           linear
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                                                                                                             single
42.5%;
54.5%;
Score 37;
Pred. No.
DB
31;
                 4
                 Length 91;
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FILING DATE: 1997-05-23 APPLICATION NUMBER: 60/047, FILING DATE: 1997-05-23 APPLICATION NUMBER: 60/047, FILING DATE: 1997-05-23 APPLICATION NUMBER: 60/047, FILING DATE: 1997-05-23	; EARLIER FILING DATE: 1997-05-23 ; EARLIER APPLICATION NUMBER: 60/047,587 ; EARLIER FILING DATE: 1997-05-23 ; EARLIER APPLICATION NUMBER: 60/047,492 ; EARLIER FILING DATE: 1997-05-23 ; EARLIER APPLICATION NUMBER: 60/047,598 ; EARLIER APPLICATION NUMBER: 60/047,613	APPLICATION NUMBER: 6 FILING DATE: 1997-05-		FILING DATE: 1997-03-07 APPLICATION NUMBER: 60/040, FILING DATE: 1997-03-07 APPLICATION NUMBER: 60/047, FILING DATE: 1997-05-23 APPLICATION NUMBER: 60/047, FILING DATE: 1997-05-23 APPLICATION NUMBER: 60/047, FILING DATE: 1997-05-23 APPLICATION NUMBER: 60/047, APPLICATION NUMBER: 60/047,	APPLICATION NUMBER: 6 FILING DATE: 1997-03- APPLICATION NUMBER: 6	RESULT 2 US-09-149-476-505 US-09-149-476-505 ; Sequence 505, Application US/09149476 ; Patent No. 6420526 ; GENERAL INFORMATION: ; APPLICANT: Rosen et al. ; TITLE OF INVENTION: 186 Human Secreted proteins ; FILE REFERENCE: PZ002P1 ; CURRENT APPLICATION NUMBER: US/09/149,476 ; CURRENT FILING DATE: 1998-09-08 ; EARLIER APPLICATION NUMBER: PCT/US98/04493 ; EARLIER PILING DATE: 1998-03-06	Matches 6; Conservative 4; Mismatches 1; Indels 0; Gaps 0;  Qy 1 VVLEKKWGAPT 11  : ::     : Db 52 IVIQKKQGAPS 62
R APPLICATION NUMBER: 60 R FILING DATE: 1997-08-2 R APPLICATION NUMBER: 60 R FILING DATE: 1997-08-2 R APPLICATION NUMBER: 60 R FILING DATE: 1997-08-2 R FILING DATE: 1997-08-2 R APPLICATION NUMBER: 60	EARLIER APPLICATION NUMBER: 60/056,894  EARLIER FILING DATE: 1997-08-22  EARLIER APPLICATION NUMBER: 60/056,911  EARLIER FILING DATE: 1997-08-22  EARLIER APPLICATION NUMBER: 60/056,636  EARLIER APPLICATION NUMBER: 60/056,874  EARLIER FILING DATE: 1997-08-22  EARLIER FILING DATE: 1997-08-22	R FILING DATE: 1997-08 R APPLICATION NUMBER: R APPLICATION NUMBER: R APPLICATION NUMBER:	APPLICATION NUMBER: 60 FILING DATE: 1997-08-2 APPLICATION NUMBER: 60 APPLICATION NUMBER: 60	; EARLIER APPLICATION NUMBER: 60/056,886 ; EARLIER FILING DATE: 1997-08-22 ; EARLIER APPLICATION NUMBER: 60/056,877 ; EARLIER FILING DATE: 1997-08-22 ; EARLIER APPLICATION NUMBER: 60/056,889 ; EARLIER FILING DATE: 1997-08-22 ; EARLIER FILING DATE: 1997-08-23 ; EARLIER FILING DATE: 1997-08-22 ; EARLIER APPLICATION NUMBER: 60/056,630 ; EARLIER FILING DATE: 1997-08-22 ; EARLIER FILING DATE: 1997-08-22	EARLIER FILING DATE: 1997-04-11  EARLIER APPLICATION NUMBER: 60/043,312  EARLIER FILING DATE: 1997-04-11  EARLIER APPLICATION NUMBER: 60/043,672  EARLIER APPLICATION NUMBER: 60/043,315  EARLIER APPLICATION NUMBER: 60/048,974  EARLIER APPLICATION NUMBER: 60/048,974  EARLIER FILING DATE: 1997-06-06	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	EARLIER APPLICATION NUMBER: 60/047,632 EARLIER FILING DATE: 1997-05-23 EARLIER APPLICATION NUMBER: 60/047,601 EARLIER FILING DATE: 1997-05-23 EARLIER APPLICATION NUMBER: 60/043,580 EARLIER FILING DATE: 1997-04-11 EARLIER APPLICATION NUMBER: 60/043,568

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APPLICATION 1
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                                                      l Similarity
6; Conserv
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                                                       Conservative
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APPLICANT: Wentz, Reiner L.

APPLICANT: Ruben, Steven M.

TITLE OF INVENTION: Galectin 9 and 10SV Polynucleotides
FILE REFERENCE: 1488.0560003
CURRENT APPLICATION NUMBER: US/09/656,450
CURRENT FILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: US 09/263,689
PRIOR FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: US 08/946,914
PRIOR APPLICATION NUMBER: US 08/946,914
PRIOR FILING DATE: 1997-10-09
PRIOR FILING DATE: 1997-10-09
PRIOR FILING DATE: 1996-10-09
UNMBER OF SEO TO NOTE: 1996-10-09
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US-08-946-914-8
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Best Local S
Matches 6
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Patent No. 6027916
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                       Sequence
                                                                                                                                                                                                                                                          Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 202-371-2540 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 6:
FILING DATE: 09-OCT-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Steffe, Eric K. REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: U
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5. 6468768
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PatentIn version 3.0
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1100 New York Ave.,
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Gentz, Reiner L.
Ruben, Steven M.
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Pred. No. 1.1e+02;
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Suite 600
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US-08-204-487-4
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-656-450-8
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Best Local (
                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No.
                                                       Query Match
                                                                                                                                                                                                                                                      TELEFAX: (617) 248-71
NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION: TELEPHONE: (617) 248-7000
                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                      MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: DOSAKO, SHUN'ICHI
APPLICANT: KAWASAKI, YOSHIHIRO
APPLICANT: UCHIDA, TOSHIAKI
TITLE OF INVENTION: VIRAL INFECTITLE OF INVENTION: INHIBITORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PPLICANT:
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nes 6; Conserva
                                                                                                                           NAME/KEY:
                                                                                                                                                                                                                                                                                                           NAME: CAMPBELL, PAULA A.
REGISTRATION NUMBER: 32,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: FILING DATE: 02-MAF CLASSIFICATION: 514
                          Local Similarity
nes 7; Conserv
                                                                                               OTHER INFORMATION: OTHER INFORMATION:
                                                                                                                                                                                             STRANDEDNESS: single
                                                                                                                                                                                                                                                                                 TELEPHONE:
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ADDRESSEE: THIBEAULT
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5 KKWGAPTIT 13
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                                                                                                                                                                                                            amino acids
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milarity 42.9%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               USA
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MOSUCHI, WATARU
TANAKA, SHIGEAKI
                                                                                                                                                                                                                                                                    (617) 248-7100
                                                                                                                           Peptide
1..18
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                                                                                                                                                                                    linear
                                                                                                                                                                                                                                                                                                                                                                             02-MAR-1994
                                         40.2%;
77.8%;
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                                                                                               /note= "BOVINE LACTOFERRIN PEPTIDE
(19-36)"
                                                                                                                                                                                                                                                                                                                                                                                               US/08/204,487
                                                                                                                                                                                                                                                                                                                       32,503
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                                         Score 35;
Pred. No.
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                            Version #1.25
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                                          DB 1;
11;
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                                                    Length 18;
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INFORMATION FOR SEQ ID NO: 7
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
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Patent No. 5304633
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APPLICANT: Mamoru
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
ATTOMY/AGENT INFORMATION:
ANAME: WAXTEN M. Cheek Jr.
REGISTRATION NUMBER: 33,367
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-8850
                                                                                                                                                                                                      HAPLOTYPE:
TISSUE TYPE:
CELL TYPE:
CELL LINE:
ORGANELLE:
IMMEDIATE SOURCE:
                                                                                                                    POSITION IN GENOME:
CHROMOSOME/SEGMENT:
MAP_POSITION:
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FRAGMENT TYPE:
ORIGINAL SOURCE:
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CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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MEDIUM TYPE: Diskette,
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ADDRESSEE: Wenderoth,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Mamoru TOMITA et al. TITLE OF INVENTION: Antimicrobi
                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE:
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TELEFAX: 202-371-8856
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OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                           STRAIN:
INDIVIDUAL ISOLATE:
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IDENTIFICATION METHOD:
OTHER INFORMATION: /note= "thiol group of
OTHER INFORMATION: Cys residue at location 2 connected by disulfide bond with
                                                                                                                                                                          CLONE
                                                                                                                                                                                                                                                                                                           DEVELOPMENTAL STAGE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
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                                                                     NAME/KEY: modified site
                                                                                                                                                                                                                                                                                                                                                            ORGANISM:
                                                    LOCATION:
                                                                                                                                                                                          JIBRARY:
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RESULT 7
US-07-755-161A-2
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Patent No. 5304633
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Best Local
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                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                               FILING DATE:
ATTORNEY AGENT INFORMATION:
NAME: Wastren M. Cheek Jr.
REGISTRATION NUMBER: 33,367
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                         APPLICATION NUMBER: US
FILING DATE: 19910905
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
                      SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                    SOFTWARE: DisplayWrite
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                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: 202-371-8850
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                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM: MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PPLICANT: Mamoru TOMITA et al.
ITLE OF INVENTION: Antimicrobial Peptides and
ITLE OF INVENTION: Antimicrobial Agent
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
PUBLICATION DATE:
RELEVANT RESIDUES IN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   JOURNAL:
VOLUME:
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OTHER INFORMATION: /nu
OTHER INFORMATION: Cy
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                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Washington
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           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AUTHORS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: modified site
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805 Fifteenth Street, N.W., #700
                                                                                                                                                                                                                                                                                                                                                                                                                  U.S.A.
                                                                                                     202-371-8856
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linear
         single
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77.8%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /note= "thiol group of
Cys residue at location 19 connected by disulfide
thiol group of Cys residue at location 2"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO:
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Pred. No. 12;
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                     500Kb
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12;
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                                                                                                                                                                                    RESULT 8
US-07-891-174-1
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                                                                                                                                                                                                                                                                                                           Query Match
Best Local S
                                                                                                                                                      Sequence 1, Application US/07891174 Patent No. 5317084
                                                                                                                                                                                                                                                                                                Matches
                                                                                               GENERAL INFORMATION:
APPLICANT: Mamoru TOMITA et al.
TITLE OF INVENTION: Antimicrobi
TITLE OF INVENTION: Antimicrobi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TISSUE TYPE:
CELL TYPE:
CELL LINE:
ORGANELLE:
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PUBLICATION
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POSITION IN GENOME:
CHROMOSOME/SEGMENT:
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ORIGINAL SOURCE:
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HYPOTHETICAL:
                                                                    NUMBER OF SEQUENCES: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE:
JOURNAL:
VOLUME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: /note= "Cys residue OTHER INFORMATION: having thiol group chemically modified to prevent disulfide OTHER INFORMATION: bond formation"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION:
OTHER INFORMATION:
OTHER INFORMATION:
                                          ADDRESSEE:
STREET: 8
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PUBLICATION DATE:
RELEVANT RESIDUES
                                                                                                                                                                                                                                                                                                                                                                                                                                                   ISSUE:
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                                                                                                                                                                                                                                                                                                                                                                                                            DOCUMENT NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                         PAGES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AUTHORS:
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IDENTIFICATION METHOD:
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: Washington
3: D.C.
TRY: U.S.A.
                                                                                                                                                                                                                                                                   5 KKWGAPTIT 13
                                                                                                                                                                                                                                                                                               Similarity 7; Conserv
                                           805 Fifteenth
                                                                                                                                                                                                                                                                                               Conservative
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                                                          Wenderoth,
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                                                                                                 Antimicrobial Antimicrobial
                                                                                                                                                                                                                                                                                                           40.2%;
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having thiol group chemically modified to prevent disulfide
bond formation"
                                          Lind & Ponack
Street, N.W.,
                                                                                                                                                                                                                                                                                                            Score 35; DB
Pred. No. 12;
                                                                                                                                                                                                                                                                                                Mismatches
                                                                                                 Peptides
Agent
                                           #700
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                                                                                                                                                                                                                                                                                                                        Length 20;
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                                                                                                                                                                                                                                                                                               Gaps
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COUNTRY:

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ATTORNEY/AGENT INFORMATION:
NAME: Warren M. Cheek Jr.
REGISTRATION NUMBER: 33,3
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: U
FILING DATE: 05-SEP-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: DisplayWrite CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             POSITION IN GENOME:
CHROMOSOME/SEGMENT:
                                                                                                                                                                                PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FRAGMENT TYPE:
ORIGINAL SOURCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: 202-371-8850
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 500Kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 20 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANELLE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/0 FILING DATE: 29-MAY-1992 CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Com
OPERATING SYSTEM:
                                                                                                                                                                                                OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                     NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               MAP POSITION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 202-371-8856
FILING DATE:
PUBLICATION DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LIBRARY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TISSUE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        HAPLOTYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INDIVIDUAL ISOLATE:
DEVELOPMENTAL STAGE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM:
                                      DOCUMENT NUMBER:
                                                                                                                                                                                                                                                                                                                                                                         IDENTIFICATION METHOD:
                                                                                                                             JOURNAL:
                                                                                                                                                                                                                                                   IDENTIFICATION METHOD:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      IBM Compatible SYSTEM: MS-DOS
                                                                                                                                                                                                                                                                                    modified site
                                                                                                                                                                                                                                                                                                                                                                                                        modified site
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 single
                                                                                                                                                                                       Cys residue at location ly thiol group of Cys residue
                                                                                                                                                                                                                                                                                                                   /note= "thiol group of
Cys residue at location 2 connected by disulfide bond with
thiol group of Cys residue at location 19"
                                                                                                                                                                                /note= "thiol group of
/note= "thiol group of
Cys residue at location 19 connected by disulfide bond with
*hiol group of Cys residue at location 2"
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US-07-891-174-2
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Best Local S
Matches
                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
SEQUENCE 20 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                           ANTI-SENSE:
FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/755,161
FILING DATE: 05-SEP-1991
ATTORNEY/AGENT INFORMATION:
NAME: Warren M. Cheek Jr.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: DisplayWrite CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
            CLONE:
POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 33,367
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Mamoru TOMITA et al.
TITLE OF INVENTION: Antimicrobial Peptides and
TITLE OF INVENTION: Antimicrobial Agent
                                                                                                                                                                                                                                    HYPOTHETICAL:
                                                                                                                                                                                                                                                   MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS
                                                   ORGANELLE:
                                                                                CELL TYPE:
                                                                                                                                                                                                                                                                                                                                                TELEPHONE: 202-371-8856
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: FILING DATE: 29-MAY CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM:
                                                                                                          HAPLOTYPE:
TISSUE TYPE:
                                                                                                                                     INDIVIDUAL ISOLATE: DEVELOPMENTAL STAGE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Washington
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CHROMOSOME/SEGMENT:
                                                                                                                                                                                                                                                             TOPOLOGY:
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                                        LIBRARY:
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                                                                                                                                                                               ORGANISM:
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5317084
                                                                                                                                                                                                                                                                                        amino acids
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805 Fifteenth Street, N.W., #700
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                                                                                                                                                                                                                                                             linear
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Pred. No. 12;
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US-08-204-487-2
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COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/204,487
PILING DATE: 02-MAR-1994
CLASSIFICATION: 514
ATTORNEY/ACENT -:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: YAMAMOTO, NAOKI
APPLICANT: NAKASHIMA, HIDEKI
APPLICANT: MOSUCHI, WATARU
                                                                                                                                                                                                                                                                                                                APPLICANT: MOSUCHI, WATARU
APPLICANT: TANAKA, SHIGEAKI
APPLICANT: DOSAKO, SHUN'ICHI
APPLICANT: KAWASAKI, YOSHIHIRO
APPLICANT: UCHIDA, TOSHIAKI
TITLE OF INVENTION: VIRAL INFECTION AND PROLIFERATION
NUMBER OF SEQUENCES: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LOCATION: 2
IDENTIFICATION METHOD:
OTHER INFORMATION: /note= "Cys residue
OTHER INFORMATION: having thiol group chemically modified to prevent disulfide
OTHER INFORMATION: bond formation"
FEATURE:
                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PUBLICATION INFORMATION:
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PUBLICATION DATE:
RELEVANT RESIDUES IN SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                IDENTIFICATION METHOD:

OTHER INFORMATION: /note= "Cys residue

OTHER INFORMATION: having thiol group chemically modified to prevent disulfide

OTHER INFORMATION: bond formation"
                                                                                                                                                                                                                                  CITY: BOSTON
                                                                                                                                                                                                                                                     STREET:
                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                       ADDRESSEE:
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ADDRESSEE: THIBEAULT
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                                                                                                                                                                                                                                                     53 STATE STREET
                                                                                                                                                                                                   USA
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Pred. No. 12;
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GENERAL INFORMATION:
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Best Local
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
SEQUENCE 20 amind acids
                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: WARTEN M. Cheek, Jr.
REGISTRATION UNMBER: 3,367
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-8850
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatil
OPERATING SYSTEM: MS-I
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OLECULE

LE NO.

CONTRIBUTION

CO
                           STRANDEDNESS:
TOPOLOGY: lin
MOLECULE TYPE: |
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/
FILING DATE: July 22, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Wenderoth,
STREET: 805 Fifteenth
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Mamoru TOMITA et al.
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OTHER INFORMATION: OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 805 FILE
NAME/KEY:
                                                                                                                                                    TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           10 KKLGAPSIT 18
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OR SEQ ID NO: 2:
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                                                         peptide
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                                                                                                                      single
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77.8%;
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DERIVED FROM BOVINE LACTOFERRIN"
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Street, N.W., #700
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Pred. No. 1
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US-08-256-771-23
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                                                Matches .
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Matches 7; Conserv
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                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION: TELEPHONE: 202-371-8850
                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskette, 5.25
                                                                                                                                                                                  MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
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CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                      NAME: Warren M. Cheek, Jr.
REGISTRATION NUMBER: 33,367
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION: /n
                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 5.1
                                                                                                          OTHER INFORMATION:
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FILING DATE: July 22,
                                                           Local
                                                                                                                                                                                                  STRANDEDNESS:
TOPOLOGY: lin
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                                              Similarity 77.4
7; Conservative
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                     KKWGAPTIT 13
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KKLGAPSIT 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Application US/08256771
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805 Fifteenth Street, N.W., #700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    U.S.A.
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linear
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                                                                                                                                                                                   peptide
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                                                         40.2%;
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disulfide bond"
                                                                                                          /note= "Cys residues are protected
prevent disulfide bond formation"
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Pred. No.
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RESULT 14
US-08-381-984-23
ISequence 23, Application US/08381984
Patent No. 5804555
Patent No. 5804555
GENERAL INFORMATION:
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COTHER INFORMATION: /nc
OTHER INFORMATION: and
US-08-381-984-22
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US-08-381-984-22
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Best Local S
Matches 7
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Patent No. 5804555
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: 202-371-8850
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Mamoru TOMITA et al. TITLE OF INVENTION: ANTIOXIDANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Warren M. Cheek, Jr. REGISTRATION NUMBER: 33,367
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US FILING DATE: April 11,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM CON
OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acids
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linear
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peptides including the specified
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and 19 are bonded by disulfide linkage"
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Street, N.W.,
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Pred. No. 12;
1; Mismatches
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TITLE OF INVENTION: AN NUMBER OF SEQUENCES: CORRESPONDENCE ADDRESS.

ANTIOXIDANT

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RESULT 15
US-09-643-597-241
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                                                                                                                                                Sequence 241, Application US/09643597 Patent No. 6426072 GENERAL INFORMATION:
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Best Local Similarity 77.8
Matches 7; Conservative
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SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
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APPLICANT:
APPLICANT:
APPLICANT:
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CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/381,984
FILING DATE: April 11, 1995
CLASSIFICATION: 252
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                  APPLICANT:
   APPLICANT:
                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                          LOCATION:
IDENTIFICATION METHOD:
IDENTIFICATION METHOD:
OTHER INFORMATION: /note= "cysteine residues at positions 2
OTHER INFORMATION: and 19 are chemically modified to prevent disulfide linkage"
-381-984-23
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NAME: Warren M. Cheek, Jr.
REGISTRATION NUMBER: 33,367
REFERENCE/DOCKET NUMBER:
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IDENTIFICATION METHOD:
OTHER INFORMATION: pei
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OPERATING SYSTEM: MS-DOS
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CITY: Washington
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           Wang, Tongtong
Fan, Liqun
Kalos, Michael D.
Bangur, Chaitanya S.
Hosken, Nancy
Fanger, Gary R.
Li, Samuel X.
Wang, Aljun
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805 Fifteenth Street, N.W., #700
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77.8%;
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peptides including the specified peptide
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Pred. No. 12;
1; Mismatches
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; APPLICANT: Henderson, Robert A.
; APPLICANT: MCNeill, Patricia D.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
; TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
; TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
; TILLE REFERENCE: 21012.455Cl1
; CURRENT APPLICATION NUMBER: US/09/643,597
; CURRENT FILING DATE: 2000-08-21
; NUMBER OF SEQ ID NOS: 369
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 241
; LENGTH: 20
; TYPE: PRT; ORGANISM: Homo sapiens
US-09-643-597-241

Query Match
Best Local Similarity 38.5%; Pred. No. 12;
Matches 5; Conservative 4; Mismatches 4; Indels 0; Gaps
Oy
4 EXEMPLEATION COMPANY COMPANY
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Search completed: July 12, 2003, 09:29:28
Job time : 9.48148 secs

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